The Nugget is California's Leading Mining Weekly

Nevada City Nugget

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MINING NUMBER GETS WELCOMED BY HOME FOLKS

Judging from the hearty welcome already extended the new mining number of The Nugget just off the press, the edition will find a widespread distribution. The first copies had not been in the office ten minutes on Thursday night before purchasers were flocking in to secure them.

The apple green cover carries an excellent likeness of two people prominently connected with Nevada City's history. The name of Englebright has long been a well known one here, both father and son attaining renown. President Hoover in starting his mining career in Nevada City a number of years ago has brought much attention to our community.

The various contributions to the number will attract much attention in the mining industry. The state mining association is having a copy sent to each member which will prove excellent advertising for Nevada and Sierra counties. The article by Con-Gressman Englebright is one of the finest ever penned in behalf of the gold mining industry and will be widely read. The article by Fred M. Miller on the Grass Valley district is a notable contribution, as is the geological article by Edw. C. Uren.

The directory of the mines in Nevada and Sierra counties will prove of especial value as showing the immense amount of money invested in our mining.

Each paid subscriber of The Nugget is receiving a copy of the mining number in this mail and extra copies may be secured postpaid for the price printed thereon. A large edition running into the thousands has been printed from the advance sale will prove a ready sellen. Copies may be secured at The Nugget office, Preston News stand and Trezise Brothers in Grass Valley.

Do your bit by Nevada County by sending out a few copies.

CASSIDY ON RENO TRIP VISITS ZONITE PLANT

Fred F. Cassidy, general manager of the Alpha stores, was in Reno recently on a buensiss trip where he was spotted by the eagle eyed Charley Spilman of the Nevada Mining Press. Mr. Cassidy was on a trip to inspect the Nevada factory of Zonite Explosives, Inc., in which he is a stockholder. Like the sterling booster he is he spread the news that there was a lot of mining activity in Nevada and Sierra counties.

WAYNFLETES LOCATE AT CUTLER OROSI TOWN

Mr. and Mrs. Walter Waynflete, formerly of the Truckee Republican, are now located at Orosi, Tulare County, where they have purchased the Culter-Orosi Courrie and seem to be happily located if their first editorial is any criterion. Thep speak of picking oranges off the roof and flowers from the front yard, but when they start to packing the thermometer in ice they will doubtless think many times of Nevada county.

M'CULLOUGH PASSES

Another Ridge pioneer in the person of William George McCullough has answered hte final summons. Taken to the Nevada City sanitarium a few days ago, he passed away Friday morning. Funeral services will be held this afternoon at 2 o'clock from the Holmes Funeral Home.

Deceased was born in Sebastopol and grew to manhood there amid the roar of the hydraulic mining. He later returned to the Ridge where he has since made his home. Left to mourn his passing is a brother Joseph McCullough of North San Juan.

COMPETE IN TENNIS

Robert Hocking and Richard Lindstroum participated in the C. I. F. tennis tournament at Stockton Saturday. They will compete at Roseville next Saturday.

PROMINENT MINING MEN WERE VISITORS HERE

L. A. Blochman, president, and C. T. Tyman, secretary of the Mother Lode Central Gold mines Company operating properties at Mokelumne Hill, Calaveras county, were business visitors in Nevada the past week. They went out to the Murchie to see the oil flotation process as combined wiht ball milling and expressed themselves as highly pleased with with ball milling and expressed They stated that they were agreeably surprised at the large amount of mining activity in htis section.

FOURTH OF JULY CELEBRATION IS STILL IN OFFING

At the meeting held on Saturday night at the City Hall it was decided to hold the biennial Fourth of July celebration in Nevada City. There was much disucssion as to the type of celebration ranging from exploiting the early history of the region down to boosting our climate. A meeting is to be held tonight at the Chamber of Commerce to get further inspiration and on Thursday night another meeting is to be held at the City Hall, at which time it is expected that committees will be appointed.

The idea of having the celebration this year of the '49er type has been meeting with almost universal commendation on account of the wealth of history and legendry in this community so redolent of the days when California was in her swaddling clothes. The usual elaborate parade with its heavy expense of money and effort is not meeting with favor, particularly amon gthe business men who have to foot the bills. It is commendable to note the great amount of interest among the ladies.

The plan of having a three day celebration has been meeting with much discussion pro and con. The Fourth coming on Friday this year makes it possible to have the celebration extend over Saturday and Sunday also. In this connection a home coming reunion could also be staged at no extra expense and make the event odne long to be remembered.

TAYLOR ATTENDS THE GOVERNOR BREAKFAST

Ross F. Taylor of Downieville, one of Sierra county's leading citizens, was in town Wednesday on his way to Sacramento to attend the breakfast given at the Hotel Senator Thursday morning to honor Governor C. C. Young on the inauguration of his formal campaign to succeed himself as chief executive of California. Mr. Taylor was the recipient of an invitation to attend the breakfast. He was accompanied to the Capital City by Mrs. Taylor who visited relatives there.

FORMER MINERALOGIST WAS HERE ON BUSINESS

Fletcher Hamilton, for a number of years state mineralogist and well known in the mining industry, was a nevada City business visitor last week and a caller at The Nugget office. He was on an inspection trip to the Murchie mine to see the working of the oil flotation system which has been such a conspicuous success in handling complex ores. Hamilton is consulting engineer for the Metal Products interests who are planning large developments in the Meadow Lake district where the ores proved so refractory in past years.

OPENS LAW OFFICES

Harry McKee, a recently arrived attorney who has been residing west of Grass Valley, has taken over the practice of Judge J. M. Walling and J. M. McMahon and has opened offices in the Walling Bulding on Pine street.

W. B. Celio has been indisposed for several days with a severe cold. Sui... Nugget.

NEW STORES IN NEVADA CITY TO START SHORTLY

The oicreasing importance of Nevada City at a trading center for a large area of territory is seen in the decision of two new stores to enter the local field at an early date.

A large chain grocery organization has leased a prominent location on Broad street within the past week and expects to install a complete stock for household needs within the next week or so.

A young merchant has been here the past few days seekin ga suitable location in whihc to start a men's furnishing goods' emporium. He has had a successfuly merchandising experience in another state and has been greatly attracted to Nevada City by its promise of future growth. He has been interviewing several owners of Broad street frontage and expects to conclude a lease within the next few days.

A number of new business establishments here will do a great deal toward revivifying Nevada City as a trading center as of yore, the aggressive business men of Grass Valley having been reaching out after our trade.

YOU BET MINING CO. LEASES TO O'BRIEN

The You Bet Mining Compnay has leased the following placer claims to William H. O'Brien: You Bet 58, Red Dog 59, Birdseye Canyon 65 and 52, Arkansas and Greenhorn 46 and 75, Washington 63 and 51, Walloupa 44, Brown Hill and Nerco and West 45 and 57, Starr 42 and 67, Brown 46 and 60, Poverty 102 and 112, Missouri Canyon 77 and 47, Atkins & Tyler 64, Rose and Dufryea 69, Gail 61, Emigrant 62, Smith & Powell 71, Chicken Paint 70, California No. 2 80, Lost Newark 53 and 1-2 interest in Newark 53 and 40, and Polmyra 39.

The notice of non-responsibility filed by the company is signed by Malcolm Lindsey, its managing director and the papers were filed by T. B. Brady, resident agent.

MINING LOCATIONS ARE FILED COUNTY RECORD

The following mining locations have been filed for public record:

Kennebeck Placer by Ray O'Conner Grace O'Conner, Clyde O'Conner and Elizabeth O'Conner in Kennebeck Mining District.

Scotchman Extension Claims Nos. 1, 2, 3, 4, 5 and 6 in Washington Mining District, in section 7 and 18 T 17, R 11, by South Yuba Company Limited, Charles H. Shaw secretary.

Gold Coin Quartz by Harry A. Blodgett in Sec 30, T 17, R 13.

SUPERIOR JUDGE ENGS WANDERS FROM HOME

Superior Judge Edward W. Engs who was recently appointed to the Alameda county bench from Sierra county, has been missing from his Oakland home since Friday. He had been taken with delirium at his home and wandered away during the night. Hundreds of searchers have been scouring the Berkeley hills but up to yesterday no trace of the missing jurist had been found. It has been thought possible that he may be trying to make his way back to Downieville. He had been presiding in one of the graft trials in Oakland which was nearing its conclusion.

PUBLISHER REAPPOINTED

The Nugget publisher has been reappointed for the fifth year to the chairmanship of the correspondence committee of the Grand Chapter of Royal Arch Masons of California, to prepare a digest of the proceedings of the Grand Chapters the world over. Jack Eddy of Colfax is a member of the committee also.

Gasoline has been selling down to 22½c and 22c at Grass Valley.

Read The Nugget mining news.

GASTON MILL TO START WORK IN NEAR FUTURE

With a small crew of men already at work cleaning out the ditches and repairing the various tunnels, it is expected that milling operations at the famous Gaston mine can be commenced shortly. The arrival of a large 36 inch belt to hook up the compressor will make possible starting machine drills on development work.

Preliminary inspection shows the tunnels to be in good shape and to require but little work to put them in trim for operations. The Rescue Eula interests did a good job in retimbering throughout. Water is already flowing through the penstock but is not being used yet. The company expects to hook up to the Spanish mine power line at a latter date and be ready for steady power.

Dr. John F. Dickson of Portland, new owner of the property, has been at the mine for several days. Guy Mooers is in charge of operations.

ST. AGNES GUILD TO GIVE BENEFIT CONCERT

Rreal treat will be afforded music lovers tomorrow, Tuesday evening at Trinity Episcopal church under the auspices of St. Agnes Guild when Mrs. Frederick Harvey of Stockton will appear in recital, with Miss Brand assisting at the piano and Mrs. W. H. Goede on the violin. A large advance ticket sale has been made and Trinity hcurch promises to be thronged for the occasion.

Mrs. Harvey, who has studied in London, Paris and Eastern musical centers, is a member of the faculty of the College of the Pacific. Her ability as a concert singer is widely known and Nevada City is fortunate to have the privilege of hearing.

The program is as follows:

Songs—"Irish Love Song," "The Day is Done," Margaret Lang.

Song—"The Stairway," Winter Watts.

Song—"On the Way to Kew," (Dedicated to Mrs. Harvey), Arthur Foote.

Song—"Love Me if I Live," Anna Miller Wood Harvey.

Piano solo—"Pastorake Varie," (Mozart) Minnie Brand.

Songs—"The Violet" (Mozart), "Hedge Roses" (Schubert), "Die Nachtigall," Vergebliches Stanchen (Bhahms), Mrs. Harvey.

Violin solos—"Adagio" (Ries) "Mazurka" (Winarski), Edna Cadwalader Goede.

Songs with violin obligato—"Elegie," (Massenet), Chanson Ancienne (Samsay), Mrs. Harvey.

CHAMBER OF COMMERCE TALKS ROAD MATTERS

The Yuba Pass Highway and the Colfax-Iowa Hill route were the main items of discussion at the Chamber of Commerce last week. A committee consisting of Fred Cassidy, W. W. Waggoner, R. J. Bennetts and W. H. Griffith was appointed to take up th ematter of the highway between Nevada City and Downieville with the state highway commission and also to look into the other route which was boosted by Lyman Gilmore.

An Oakland newspaper which attempted to class Nevada City as a ghost city fast becoming forgotten will be properly rebuked as it should be.

The Chamber voted to purchase a number of copies of the new mining number of The Nugget for distribution.

HERE ON LEGAL BUSINESS

Mr. and Mrs. Lucius M. Fall were here last week in connection with the closing up of an estate. Included in the estate was stock in a Grass Valley mine now under bond and they headed for The Nugget office to secure first hand information concerning the property. Mr. Fall is a member of the legal firm of Fall & Fall of Los Angeles.

Ignition Parts and Accesories at Miner's Foundry. 24tf

CARLYLE GROUP CISCO WILL BE OPENED SOON

Information from San Francisco is to the effect that the Metal Products Holding Corporation will resume operations at the Carlyle group of mining properties near Cisco in this county as soon as the summer has sufficiently advanced to make possible the hauling in of supplies and equipment. The claims lie at a high elevation on the south side of Old Man Mountain and cover a considerable acreage in a well mineralized zone.

The same interests have also taken an option on the May Lundy mine in Mono county which had a past production of three million.

HIKES TEN MILES TO SEND IN HER RENEWAL

Rena Morgan of Moon River Lodge near Downieville, sent the following interesting letter to The Nugget:

"Am a little behind with my renewal but have just been too busy to think of anything. Going to hike ten miles today to mail the check. Shows you how popular The Nugget is in this neck of the woods, for I am mighty afraid you would quit sending it to me and that wouldn't do at all. Best wishes and many thanks."

SACRAMENTO REUNION PROMISING IN INTEREST

William Wicks, president of the Sacramento Association of former Nevada County residents, was in town yesterday and in company with O. D. Woodman checked up on the coming reunion to be held at the State Fair grounds, Sunday, June 8th. He is anxious to have the Chamber of Commerce assist in getting the largest family out for the reunion as well as the oldest residents.

The following is taken from the official bulletin just issued:

PLACE—The State Fair Grounds at Sacramento.

TIME—All day Sunday, June 8th.

Bring your lunch and cups for coffee. milk and sugar.

We exteind a cordial invitation to all present and former Nevada county residents, their families and also their friends to spend the day with us. There will be plenty of amusement for everyone. Contests for old and young, thin and fat. Horseshoes tug of war, prettiest babies, all kinds of races and guessing games for which liberal prizes will be offered the winners. There will also be a cash prize for the largest present of former Nevada county family present on the grounds. Also the oldest man and woman "present or former" Nevada Countians.

There will be an orchestra to play during the luncheon, from 11:30 to 1:30 and also during the afternoon. There will be vocal selections and Governor C. C. Young will give an address.

On February 22d the Association planted a tree from the Shebley Ranch in the Fair Grounds and dedicated it to Nevada county. At 3:00 the guests will be shown where the tree is planted so each year we may watch it grow, a monument to Nevada county.

The nsext regular meeting of the Association will be held at the St. Francis Hotel, Tuesday night, June 3d.

There will be no fee charged to enter or leave the Fair Grounds. The Association will furnish 1930 ribbons.

MILLS LOSES SUIT

Percival Mills who sued his aunt, Mrs. Alexina Grissel, to recover $1500 alleged due on a promissory note, lost his case in superior court the past week when a decision was handed down in favor of the defendant.

PAYS OFFICIAL VISIT

Mrs. Jane D. Hutchinson, District Deputy Grand Matron, will pay her official visit toEvangeline Chapter, Order of the Eastern Star on Tuesday evening.

TRUCKEEE IS HAPPY

Meadowlake Township shows a healthy increase of population.

LEDGE IS STRUCK AT TWIN SISTER PAST FEW DAYS

Striking of a ledge five feet wide and showing a lot of arsenopyrite is the glad news from the Twin Sister mine at Snow Point in the No. 3 tunnel and has caused a great deal of excitement. The new strike is thought to be a downward continuation of the rich Twin Sister ledge encountered in the upper levels and the odbjective of the No. 3 workings. The strike was made at a point about 155 feet distant from the first ledge cut in the tunnel.

President R. O. Foster of Ukiah had been up at the property up to the last few days and reported the face of the tunnel in promising formation. News of the strike was telegraphed to him yesterday and he and a party of stockholdetrs are expected to arrive here today or tomorrow.

At the time of making the strike, foreman Bert Davidson and director Frank Comino were in the tunnel as Jim Hamilton was running the last round of holes with the machine drill. The round of shots brought in a beautiful mass of quartz heavily impregnated with sulphides. Th arsenopyrites in this formation carry extremely high values.

Mr. Comino was down from the property yesterday for a short time but returned to the mine ihmmediately to await the coming of President Foster.

JOSEPH O'NEILL PASSES

One of Nevada county's loved citizens in the person of Joseph O'Neill, passed to his eternal reward Thursday morning after a lingering illness.

A resident of this community for more than sixty years, he had been intimately connected with the teaching profession. Arriving in Grass Vallely in 1869 he took the county teachers' examination and commenced teoching at the French Lead school near where the North Star mine is. He then taught at Gold Flat for a time and went to North Columbia to the school there. He met and wooed one of his pupils, Miss Kate E. Wood and they were wed in 1876. Three of their five children were born to them there and in 1882 the family moved to Nevada City. For 22 years he was connected with the Nevada City schools, and in 1902 he was elected county superintendent of schools, serving for two terms. He later taught one term at North Bloomfield and then retired under the teachers' pension act. He served for many years on the county board of education.

Fraternally he was a Past Grand of Oustomah Lodge of the Odd Fellows, a Past Chancellor Commander of Milo Lodge of the Knights of Pythias, and a member of Neva Rebekah Lodge. For many years he was sceretary of the Odd Fellows.

Funeral services were held yesterday afternoon from the Odd Fellows Hall and were largely attended. The Pythian ritual was read at the grave.

Surviving are four sons, John W., Henry, Joseph and Charles, and one daughter, Miss Nan O'Neill.

Mr. O'Neill was highly esteemed throughout the county where he had spent so many years and his passing will be deeply regretted by a wide circle of friends.

NEWS OF THE LODGES

At the meeting of the Grand Lodge of the Native oSn... this week at Merced are C. W. Ch...nl, Muller Chapman and R. L. P...igelow.

Charles F. Bouvier ... attending the Grand Lodge of ...night of Pythias this week ...me..., as representative fro... Lo...

Wednesday night ... an... Mother's Night of La... lor, ...tive Daughters. Each ... is ...titled to bring one ... ...o ... mother. A fine pr... s... planned.

Nevada Royal Ar... e... hold its regular m... Refreshments will b...

Subscribe for T...

THE NEVADA CITY NUGGET

Published weekly on Mondays at Nevada City, California, and entered as mail matter of the second class in the postoffice at Nevada City, under Act of Congress, March 3, 1879.

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Arthur A. Willoughby ..... Editor and Publisher
Elsie P. Willoughby ..... Associate

THE PUBLISHER has received from one of the subscribers in Southern California a personal letter which contains among matters the following pertinent paragraph:

"I note with interest the increase in your mechanical facilities with the resulting betterment of your publication and take this opportunity to extend my congratulations on the success you are making of the publishing business in what I consider a very difficult field"

Coming as it does from a person who made a great success of his newspaper business in the San Joaquin valley before taking up other lines of business, this comes as a distinct compliment. Prior to entering the Nevada City field four years ago, there was not a booster for The Nugget idea among any of the newspaper friends of the publisher about the state and they included prominent state officials, Nevada City was looked on as a graveyard of newspaper hopes. It was not a compliment to the business men of the town that they would let a newspaper die here and the fact that the town and its chamber of commerce would let the community exist for a period of five years without having its own individual medium of expression did not look well for the town's future except as a fifth ward of Grass Valley. Although there are some of our local business interests who have apparently not yet learned that there is a newspaper published here and accepting that there is printing to maintain its existence as an institution in the community. There is not a business man here but should feel a sense of loyalty to The Nugget and should show that interest in a tangible way. We have never asked a contract from any business house for advertising since engaging in business here nor have we wheedled business out of anyone on the plea of home support. We do not expect to have to although we have made heavy investment here in mechanical equipment and now have probably as complete newspaper quipment as was ever in use here, and will make it inevitable that more business will have to be forthcoming from business houses that have been spending their advertising funds in other mediums of expression including theatre and signs, if the paper is to continue to progress as it should. There is not a business house in Nevada City spending money in any form of advrtising but should make its first expenditures in The Nugget, primarily as it offers the best opportunity of making tangible returns in the merchant's cash drawer. Newspaper advertising has long been recognized as the ideal form of reasonable priced publicity and it will continue to be for a long time. Some of our merchants have appreciated the fact that a newspaper in Nevada City is a mighty good thing for the town and have been generous with their support all the way along, both with advertising and printing. There is no need of mentioning their names here, those who read the paper every week know who the merchants are that want to keep Nevada City on the map. This applies also to the various organizations of the community. We are not saying this in a harsh spirit as we have not actively solicited a heavy run of advertising at any time, feeling that those who did advertise would find our doorway sooner or later and volunteer their business. That is the business most appreciated in any newspaper office. Our business has largely been built up on the basis of service to the community and our advertisers. That the non-advertisers in these columns have also benefited from our efforts goes without saying. Nevada City is a much better city today than it was three and a half years ago when The Nugget idea was born and the paper is proud to feel that it has had a vital part in the upbuilding. Around 150 men working in our local mines today where not one was employed four years ago is well worth considering and no one can gainsay the fact that the home newspaper had its part in the mining activity now so evident here. The turpentine industry may also be cited as an instance of effective newspaper publicity. Think well on these things.

FROM THE EXPRESSIONS already made by those who have examined the second annual mining number of The Nugget, the present edition promises to be a popular one and industry. It may be of interest to note that not another newspaper published in California gets out anything similar along to see a heavy run of copies sent out to advertise our mineral mining lines although there are different communities that ought to sponsor some such idea. Nevada City is unique in this respect through the efforts put forth by The Nugget to advertise in an adequate way that there is plenty of gold here for the taking. Nevada County can well be proud of her gold production for the past eighty years and The Nugget is going to keep that fact well published. Buy your copies early of the special number and help advertise Nevada County. They cost but two cents apiece to mail out.

THE FOURTH OF JULY idea is now being actively discussed and it is to be hoped that such a celebration will take the form of a '49er affair covering a three day period as the Fourth this year comes on Friday and Saturday and Sunday can well be used in the celebration from a home coming standpoint. The customary parade idea with its expensive floats and consequent prizes puts on a lot of extra effort and expense they could well be dispensed with by putting on the early days idea. By digging up a lot of old relics, stage coaches, old-time clothing, a parade can be put on at but a small fraction of the set stuff that has been customary for a number of years and will materially lessen the expense on the business men's pocketbooks who foot the bulk of the solicited contributions whenever anything is afoot. A costume house could furnish plenty of gold digger outfits, there are planty of locations for old time hangouts abundant color to provide thrills for the visitors. When Marysville could put on a celebration without anything of a historic nature to start with, we ought to stage one that would be about as big an advertising stunt as California has known.

AAW

SOME FACTS AND FIGURES ON SOIL EROSION CAUSED BY FIRE IN NEVADA COUNTY

By W. F. SHARP, State Forest Ranger.

This paper deals with the part that fire plays in the loss of our soils and fertility of erosion.

Removal of the forest growth, grasses and shrubs by fire accentuate erosion to a degree far beyond that taking place under average natural conditions, especially on those soils that are peculiary susceptible to rainwash, such as the Aiken Stony Loam of this section.

This speeding up of the washing varies greatly according to the soil texture, exposure, the cleanness of the burn and the degree of the slope.

Under normal conditions rock decay keeps pace with the average erosion, but under fire conditions soil removal by rains greatly exceed that of natural soil formation to the extent that the burned area, often works down to the bedrock.

According to statistics not less than 120,000,000,000 pounds of plant food material is removed from the fields and pastures of the United States every year.

This loss is from the burned over areas, cultivated fields and overgrazed pasture and ranges. The value of plant food elements (considering only Phosphorus, Potash and Nitrogen) in this waste, as estimated on hte basis of chemical analysis of 389 samples of surface soil collected throughout the United States, and the recent selling price of the cheapest forms of fertilizer material containing these plant foods exceeds $2,000,000,000 annually. These figures do not take into account the loses of lime, magnesia and sulphur.

In this connection it must be considered that rainwash removes not only the plant--food elements but also the soil itself. Timber, grasses and shrubs or brush take some of the plant-food elements out of hte soil but these are returned in part by the leaves and needles which fall and decay, but when a fire sweeps through there is very seldom anything left but the ashes which contain proportation of the different plant-food elements especially potash and would be of great benefit to the soil if fthey were conserved, but in most cases after a fire the area is left to the mercy of the elements; the rains that that follow not only wash off the soil and the plant-ffood contained in it. These are washed into the streams and rivers and are lost. While the plant-food elements can be returned to the soil in the form of commercial fertilizers the soil that is washed off the areas can not be restored except by the exceedingly slow process of natural soil building, in many instances requiring years to develop a comparatively thin layer.

It would be entirely impracticable to even try to replace a small part of the eroded matter, which might be recovered from the small streams and which had not reached the rivers.

A very great part of the loss by fire and erosion is plainly a loss to the farmer, who is in no economic position to stand the loss. Much of the wastage that perhaps might not be classed as an immediate form of loss, is nevertheless a loss to the ones who come after, and there are indications that our increasing population may feel acutely the evil effects of this scourge of fire and erosion.

This erosional debris goes to clog up the stream channels and cause floods, which cover fertile fields with comparatively non-fertile sand and other coarse material as flood water deposits while the greatest amount of the plant-food elements are carried on by the waters into the ocean ... leaving the once rich fields an almost barren waste of sand and silt, which will take time and money to place in the condition that it formally was.

Whne the mellow top soil is gone with its valuable humus and nitrogen ,less productive, less absorptive and more intractable material is exposed in its place. As a rule this exposed material is the raw subsoil, which must be loosened, aerated and supplied with the needed humus to put it into the best condition suitable for plant growth.

This rebuilding of the surface soil requires time. In most cases the exposed material is heavier than the original soil, is stiffer, less penetrable to the plant roots, less absorbtive of railfall and less retentive of that which is absorbed, and apparently the plant-food elements frequently have not been converted into availplant-foods to anything like the degree that existed previous to the displacement of the surface soil. It also bakes easier and as a consequence the plant growth on it is less resistant to the dry seasons because of the rapid evaporation from the hard surface soil. The many cracks that form deep into the subsoil also enlarge the area exposed to direct evaporation. This applies equally to both grasses and timber growths..

On the Shady Creek area having a 100 per cent slope, burned over in the summer of 1927, which before the fire was covered with a good stand of yellow pine timber having an understory manzanita, we find that during the winter of 1927-1928 there was one-half inch of sheet erosion carrying away the top soil which contains the largest immediate available supply of plant-food elements.. On this same area we found in the fall of 1928 a very sparse growth of some of the very poorest range grasses (these were mostly on the north slope) which by reason of the exposure hold the moisture better than the east, west and south slopes. On the east, west and south slopes the grasses made a very feeble start in the spring of 1928 but did not amount to very much as there was no plant food to speak of and the evaporation so great that there was not sufficient moisture present to prolong the growth. .

The manzanita is making a start although it is not growing very fast, while the poison oak is making a little better showing coming back at the rate of about five to one.

On plot No. 2 in the same type of soil with a thin covering of pineneedles the erosion was not noticeable, the first rainstorm which amounted to 1.01 inches penetrated into the soil to a depth of 6 inches, while with the same amount of rainfall plot No. 1 was only moistened to the depth of one-half inch and one-eighth inch of soil was washed off, there being nothing to hold the soil and water back. This soil that was washed off also carried with it the ashes which were of value as a fertilizer containing a high percentage of potash..

On other burns scattered throughout the county we find varied conditions as to erosion. On some the erosion amounts to as much as 6 inches and on others not so much according to the degree of the slope and the type of the soil.

Taking the different areas as examples and figuring the annual erosion on the basis of one-half inch as a fair average, the erosion of burned over land in Nevada County amounts to 54..45 tons per acre, by using the area burned over this year in the county which amounted to 13,645 acres as an example the loss of soil to Nevada County alone would be 742,970 tons. .This is almost an entire loss to the county as most of the fire were in the western part of the county on the Yuba and Bear River drainage basins. The heaviest and coarsest of it lodged along these river canyons where it is impossible to get any good from it while the finer particles were carried into Yuba County and the very finest particles have gone on into the ocean and are lost to Nevada County forever.

But the soil is not all we have lost by a long way; a small fortune has also been lost in plant-food elements such as phosphorus, potash and nitrogen the three most important plant foods.. At the following rate according to soil analyses taken at different parts of the county the loss pounds, potash, 70 pounds and nitrogen 222 pounds or a combined loss of 478 pounds of available plantfoods foods. By taking the 13,645 acres burned over in the county this year you will have approximately 6,530,000 pounds or 3265 tons loss. By figuring the very cheapest cost of commercial fertilizer containing these three plant-foods we are loosing about $15,800,000 per year, and in addition to this loss we also have the damage to the range and timber which amounted to $15,533 or a total damage and loss of over $195,-533. But wait, we are not through with figures yet, we still have the suppresion costs to add to these figures which was labor, $480; transporattion $1260, and food $705 or a total of $202,928.

Of all the erosion in Nevada County that resulting from fires has been the worst. Many of these fires have been set with the mistaken idea that they improve grazing, which in some cases it does for the next year or so, but what after that, the brush has come back from five to ten times thicker than it was in the first place, and there has been a loss of several tons of the most fertile soil from our fields and ranges. The grasses commence to get less and less and of poorer quality and in four or five years you have less feed and more brush than you had in the first place.

When one stands in several inches of ashes in the center of a burned area knowing that not only the humus or life of the soil but hte timber and forage has been consumed and these same ashes and the surface layer of the soil containing all the slopes by the storms of winter, he realizes how great is the destruction from fire and the erosion which follows..

With the loss by erosion in our burned over areas so great we should all be more careful and watchful of fires.

Owners of land should consider the use of their land not alone for the immediate gain, but still more in the light of the future productivity, the protection of the water supply and stream regulation.

Landowners i,rrigationists, and the state and federal government should work shoulder to shoulder in an effort to prevent these fires, and thereby stop a large percentage of the of the erosion which is draining our natural resources to so great an extent.

0

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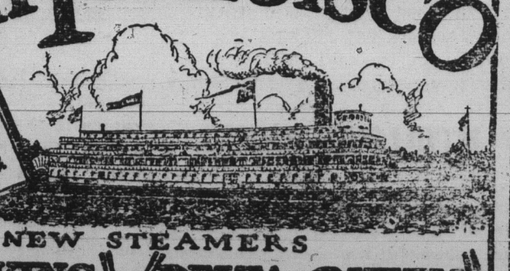
TO San Francisco



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FOOT OF M STREET

SACRAMENTO

CALIFORNIA TRANSPORTATION CO.

GRASS VALLEY PERSONALS

Miss Doris Hooper came up from Auburn and visited with relatives here.

Miss Marie Bertino is home from a chief operators conference at the Sacramento P. T. and T. headquarters.

Waltre Leonard and family of San Francisco came up to spend the week-end visiting in the Grass Valley section.

William and Roy Trathen left for San Francisco to attend the annual grand lodge of the Ancient Order of Foresters, which met in that city.

L. R. (Bob) Jefford left for Truckee and hte east end of the county to campaign for the coroner's office at the August primaries.

Arthur Hellings, candidate for the office of sheriff, spent the week-end visiting the voters in the Meadowlake township.

Mr. and Mrs. H. G. Chappel of Oakland are spending some time in the Grass Valley section painting native wild flowers. They are accompanied by Mr. and Mrs. A. L. Cunningham of Oakland.

Miss Lily Toy, who has been visiting in San Francisco for the past month, has returned to this city and was accompanied by Mr. and Mrs. Archie Lotz of San Francisco, who visited over the week-end.

Mrs. M. J. Brock is visiting in San Francisco for several days.

Mrs. Amy Crase of Berkeley was the week-end guest of Mr. and Mrs. Frank Provis.

Mr. and Mrs. Clifford Williams visitde with Mr. and Mrs. T. H. Williams over Mohter's Day.

Mr. and Mrs. Vernon Stoll have returned from a week-end visit with relatives in Berkeley.

J. E. Gooding spent Monday in Sacramento attending a P. T. and T. company managers' meeting.

Robert Deward returned to Berkeley Sunday for Commencement at the University of California.

Mr. and Mrs. Jack Wolff have returned from a week-end spent in Oakland attending the district Rotary convention.

Charles Ingram, University of California sneior, returned to Berkeley Sunday to take part in commencement day activities.

Mr. and Mrs. John Kitchen and son of Oakland, were weeke-nd guests of Mr. and Mrs. Norton Penrose.

Mrs. William Sampson returned from San Francisco and Oakland after a week's visit attending several conventions.

Mr. and Mrs. James Crase, former Grass Valley residents, came up from Berkeley during the week-end and visited with friends.

Mrs. Irving King arrived recently from Ardan, Nevada and is spending a short vacation with Mr. and Mrs. Henry Prisk and family.

Mr. and Mrs. W. J. Thomas and children were guests at the home of Mr .and Mrs. T. H. Williams. They came up from Oakland.

Mrs. W. H. Trathen, who has been visiting Mr. and Mrs. Josiah Henwood and family for several days, has returned to her home in San Francisco.

Miss Alice Henwood, student at the San Francisco State Teachers College, is home spending the summer with her parents, Mr. and Mrs. Johiah Henwood.

Frank J. Burke, examiner and Miss Florence Hood, shorthand reporter for the Industrrial Accident Commission, arrived and conducted several hearings at the city hall.

C. L. Gillespie and wife of Berkeley spent several days in Grass Valley, Gillespie is connected with the state board of health.

Mr. and Mrs. Wesley Waddle have returned from a honeymoon trip to Canada and visited with Mrs. Mary Bivens before continuing to Auburn to make their permanent home.

P. W. Miller, wife and family and Mrs. Green of Chehalis, Wash., mother of Mrs. Miller, were the guests of Mr. and Mrs. H. W. Westbrook from Willows.

Mrs. Sam Whiting and daughter returned to Berkeley after attending the funeral of the late Arline Jones.

Adelaide Janet DeAnater, vocalist over KFRC broadcast station of San Francisco was a visitor in Grass Valley.

Lester Whithburn came up from Oakland during the recent week-end and visited with Mr. and Mrs. Ed Whitburn.

Deputy County Assessor E. C. Morgan has returned from Trukee whence he accompanied County Assessor H. C. Schroeder for the purpose of assessing property in the east end of the county.

Mr. and Mrs. Al Richards have returned from Oakland where they attended the wedding of Mrs. Richards' sister, Miss Olive May Pascoe of Nevada City and Raymond Irvin of Oakland.

Herman J. Cochran, Bank of tIaly staff member and Miss Lola Endicott, both of Oroville, were the house guests of Mr. and Mrs. Herbert Nile during the past week-end.

Miss Henrietta Dangerfield is up from Santa Cruz visiting with her sister, Mrs. B. Paynter.

Mr. and Mrs. Roy Terrill have returned from a week-end trip spent with their daughter and family at Hanford.

Mr. and Mrs. John W. Rhodes have returned to San Francisco after spending a day with Mrs. Rhodes' parents, Mr. and Mrs. J. C. Tyrrell.

Mr. and Mrs. W. C. Stokes and daughter Emma have returned to Colusa after spending the week-end visiting here wiht Miss Louisa Martin.

Mr. and Mrs. Jack Seht, Mr. and Mrs. Neil Williams andr daughte Constance and Edgar Williams came up from San Francisco to spend Mother's Day with Mr. and Mrs. J. C. Williams.

COURT HOUSE RECORDS

Deeds

John Webber, et al to Harry F. Stolge et ux—Portion Texas Placer Mine, Sec 8 T 16, R 9.

Mary Ann Smith et al to P. B. Swinney et ux—Lots 1, 6, 7, 8, 10, Fountain Tract, Sec 10, T 14, R 8.

City of Nevada to L. N. Day et ux —Portion lot 1, block 33, Nevada City.

Charles R. Cartwell to Delta H. Long—NE ¼ SW ¼ Sec 30, T 17, R 10.

Thomas H. McGuire et ux to John T. Hennessy—Land in block 36, Grass Valley.

Register of Actions

3288—Estate of William Samuel Berriman, Henry Berriman petitioner. Nilon, Hennessy & Kelly attorneys.

5827—Ray L. Riley, state controller vs. Ruth Spear.

5828—Termination Homestead of Robert Hall, deceased. Nilon, Hennessy & Kelly attorneys.

Certificate of Redemption.

Nevada Irrigation District to Mary A. and Albert Smith.

Notice Non Responsibility

Empire Star Mines Co., Ltd. You Bet Mining Company.

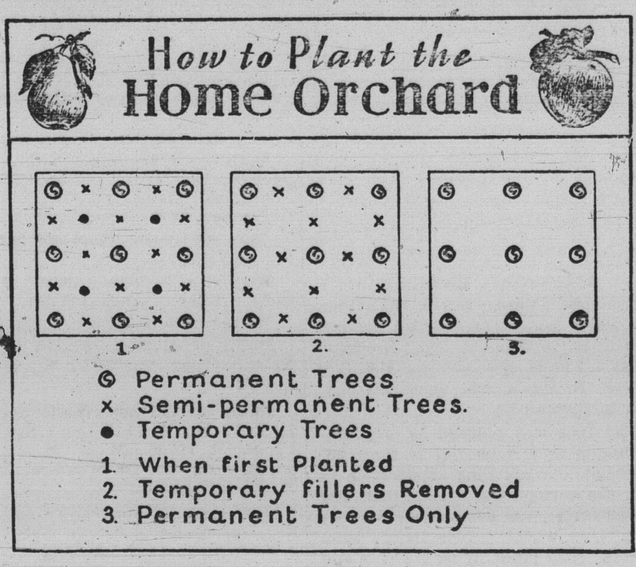
Chattle Mortgage

Lawrence L. Neal to George R. Freeman, et al.

Mortgage

William Jones et ux to John T. Jones—Portion lot 23, Buena Vista sub-division.

Thmas N. Coan to Charles A. Graham—Sullivan compound compressor, 50 horse power electric motor.



Fruit Trees Should Be Properly Spaced

The diagram will prove helpful in securing the maximum returns from your orchard property.

The modern orchard is usually planted in a mixture of two or more varities of fruits. There are good reasons for this. Some of the most desirable fruit trees do not come to bear for several years but eventually make large trees and are very long lived. Others are not long lived nor of large growing habit, but bear very young. Therefore, the more important trees are classified as "permanent," "semi-permanent," and "temporary." The general mode of planting is this: Permanent trees are spotted forty to fifty feet apart in squares. Also spotted in these squares, fifty feet apart, are the semi-permanent trees, or if none of these last are used, then temporary trees may be substituted. Finally, at a point midway between the permanent trees, temporary trees are planted.

These last come to bear very early and the orchard, thereby, begins to make immediate returns to the owner. Later, when the semi-permanent are bearing and need more room the temporary trees are cut down. Still later, when the permanent trees are fully developed and bearing, the semi-permanent trees are cut out and the orchard continues to bear at full capacity with no time lost. The time elapsing between the planting time and cutting out of the semi-permanent trees is usually 15 to 20 years. The land is much enhanced in value when the final trees are bearing. Altogether this is a very satisfactory arrangement.

Sharp tools are important, for those that chew and tear instead of cutting cause more grief than no pruning at all. In cutting back branches be careful to cut close to a bud. Avoid leaving stumps even half an inch long. Careful pruning is decidedly important if you hope to have well-formed trees.

And unless you are shaping a shrub to fit into a deliberately formal effect, never cut back shrubbery with a straight edge as though it were a hedge, but study each shrub and try to help it realize its natural habit of growth.

The prevailing practice of cutting the ends of all stems has the effect of destroying the natural habit of growth and producing stiff, leggy plants having all their green at the top and bare, ugly limbs beneath.

Consider your apples and pears and spray them at the right time. First when the cluster buds show pink and are separate; later when three-fourths of petals have fallen and calyx end of the apple closes.

CAMPTONVILLE JOTS

John DeMartin, pioneer resident of this section, passed away Sunday evening at Downieville, following an illnses of several years with heart trouble. Feeling ill he was taken to the hospital at Downieville where he passed away two hours after his arrival. He was a native of Italy, 67 years of age, having spent most of his life in this section mining. He is survived by one brother at Seattle.

One of the most memorable Masonic meetings held here in many years took place Saturday when Oriental Lodge of San Francisco was the guest of Gravel Range Lodge. This visiting lodge arrived at noon in twenty-one cars, escorted by two cars of the State Highway Patrol. A fine turkey dinner awaited them at the Hotel Francis. The afternoon was spent in going through the Joubert hydraulic mine, hiking and "takin the town." In the evening members from all the lodges in this Masonic district gathered, making 125 and the visiting lodge conferred a Third Degree upon a candidate. After the degree work the visiting lodge presented the local lodge with a beautiful gavel, made from the mast of an old ship, bordered with a gold band an inscription. Two Grand Officers of the Grand Lodge of California were present, Grand Bible Bearer William B. Meek of this place, and Grand Organist Charles E. Anderson of San Francisco.

Hans Doe of San Francisco spent the past few days on business at the Garden Valley dredger in which he is interested.

Floyd Thomas of Browns Valley was in town Thursday.

William A. Lnag motored to Nevada City Tuesday.

J. H. Barr, Yuba County Health Officer, was in town Wednesday.

County Surveyor Jason R. Meek of Marysville was in town Wednesday.

R. E. Harris of Nevada City was in town Wednesday.

William O. Grant left Wednesday for the lower country.

BIG MUSHROOM

Jacob Dietrich, pioneer resident of Camptonville, has been adjudged the champion mushroom collector of that section. While making a harvest Friday, Jake plucked a mushroom, measuring 18 inches in diameter and weighing five pounds. He has his prize beauty displayed in one of the front show windows of the Meek Mercantile Company.

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Include Neckties

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The future won't take care of itself! You've got to be prepared!

The only way is by saving a regular part of your income very week.

It's not hard to do once you get started!

And just one dollar is enough to start you.

He who has learned the lesson of thrift is well-educated! This

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THE HIGH SCHOOL NEWS

Edited Weekly by the Students, Nevada City High School

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Editor ..... Gertrude Marriott
Senior Reporter .....Anne Williams
Junior Reporter .....Calvin Fisher
Sophomore Reporter .....Mary Costa
Freshman Reporter .....Bill Sharpe
Athletics Reporter .....Bell Jeffrey

QUALITIES FOR SUCCESS

By Ruth Noyes

There are many qualities necessary for success in any line of work and others, although they are not necessary, are desirable. Some of the qualities necessary for success are hcaracter, honesty perserverance, ambition, health, personality and ability. Opportunity is also an important factor in success, and although it cannot be classed as a quality which one must possess, it is necessary in order for any one to succeed.

Before I enter into a discussion of these attributes, I think I should define by idea of success. Success, I believe, is the accomplishment of some worthwhile object, the achievement of which benefits others as well as oneself.

Character, one of the attributes for success that I have mentioned, is important in the accomplishment of that object. Perhaps one might accomplish much through dishonesty, but would he be successful? Usually not. If a goal is designated only to bring wealth and achievement to the person himself, it is not usually a vvery worthy aim, for few people would be dishonest in order that others might benefit. Perserverance, too, is necessary to win one's way to the goal he strives to reach. One must have the perserverance to ignore his failures, for there is always a hard battle before one may reach the heights of success.

Ambition is another necessary quality for success. A man may have character, ability, opportunity, and eery other necessary quality, but how far can he get with out ambition? Not very far. Certainly he would not be successful if he had no ambition and no good to reach.

Poor health is a serious detriment to htose who have ambition to reach his goal, together with ability, character, personality and opportunity. There are few fields of worthy labor that do not tax the healht to some degree.

Personality, counts, too, as a very desirable attribute for success. Perhaps it is not always necessary to havve a good personality and usually it counts for much in success in life. A man with a pleasing personality is likable to his employer and also to the people he comes in contact with, so his chances for success are greater than if his personality is colorless.

Ability, f course, is also necessary in any type of work, but if one has ambition to study and learn, he can acquire the ability to do things.

Opportunity also enters into this discussion. Many people have ability in certain lines of work but cannot employ it on account of having no opportunity, yet it seems that if one has ambition he can follow the proverb, "Where there's a will there's a way," and find an opportunity to succeed in the line of work he wishes to follow .

Success is not the accomplishment of something for oneself. Many men have made great inventions and died in poverty, but yet they were successful bcaus they accomplished a worthy object that benefited others.

TYPING AWARDS GIVEN

Certificates were received by Thelma Borham for typing 30 words per minute; Lois Eden, 30 per minute; Evelyn Granholm, 32 per minute; Adelaide Veale, 37 per minute. Cecilia Genasci who types 41 words per minute received a bronze pen.

HIGH SCHOOL GIRLS HELP

Tuesday evening six of the high school girls aided the ladies of the Women's Improvement Club to make their card party a success T.he party was given as a benefit to the Nevada City library. During the evening Judge Nilon gave a very interesting talk on the history of the Nevada City libraries from the first one, situated where the Brand studio is now, to the present library on Pine street. The evening proved a wonderful success.

The students that aided in serving refreshments were Dorothy Tamblyn, Nadine Sutton, Vivian Cerro Deynes Folely, Gertrude Marriot and Thelma Borham.

SENIOR MEETING

A senir class meeting was hled Wednesday, May 14. At this meeting the commencement program which was prepared by Bob Polgase, Catherine Davies, Grace Towle, and Margaret Thomas, was discussed. It was decided that Miss O'Neil should have charge of the musical numbers.

The subject o fleaving a memorial to the school was brought up but no nefinite action was atken upon it.

It was decided that there would be a grand march of the seniors and their guests at the senior b..l. The class will start decorating the hall Thursday.

MOTHER'S DAY TEA

Friday, May 9th, the mothers were entertained by the Girls' Association. During hte afternoon the mothers were invited to visit the different classes and the art exhibit. The program started at 3:20. Thelma Boreham gave the opening speech telling of the origin of Mother's Day. This was followed by a vocal duet by Kahterine Celio and Ruth Rector accompanied by Margaret Rector at the piano. Following the program light refreshments were served.

GIFTS TO CLASS

Through the courtesy of Mr. Hartung & Son, jewellers of Grassl Valley, each member of the senior class was givven an autograph book for graduation. This book has a place for the names of the classmates, faculty, committees and officers. .

It also has a place in which important events such as graduation, bacculerate sermon and class parties can be recorded.

The senior class is very grateful to Mr. Hartung & Son for this lovely gift.. This book will help them remember the happy event of graduation and their senior class days.

SENIOR BALL

The senior class is looking forward to the annual senior ball that will be held May 23 at Redmen's hall. .The decorating committee are Holden Pierce, hcairman, Bill Rector, Ann Williams, Dorothy Tamblyn and Vivian Cerro.

The music committee consists of Myrel Greathouse, chairman, Holden Pierce and Isabella Flynn.. The seniors are confident that the senior ball will be as big a success as the Junior Prom..

The Nevada City High School Civics Class ,composed mostly of freshmen, held a theatre party last Wednesday. They all enjoyed it immensely. As Mr. Kjorlie, who is civis teacher, could not accompany them, Miss Maen, freshman class advisory, was chaperon.

MORE CERTIFICATES

Adele Deschwander, Elizabeth Godfrey, Evelyn Godfrey, Margaret Thomas and Grace Towell have received the 60 word per minute certificate in shorthand 1. Catherine Davie, also a shorthand 1 student, has received the 80 word per minute certificate.

In shorthand 2, Lene Ghidotie and Isabel Flynn have received the 60 word per minute certificate.

BASEBALL

Last Monday the N. C. A. team lost to the Grass Valley A team by a 6 to 5 score. This was the most interesting game played between the two schools during the series. N. C. was ahead throughout the game until the seventh inning when Grass Valley rallied to make three runs. Nevada City rallied in the ninth inning for two runs but we could not push over the tieing run. The series stands 2 to 1 in favor of Grass Valley.

Last Tuesday the N. C. "C" team lost an exciting nine-inning game to Grass Valley high school "E" team. The score was 6 to 7. Tamblyn pitched a wonderful game but support was lacking from his teammates. The feature of the game was Baker's home run into deep rightfield. The score indicates a closely contested battle. The series is 2 to 1 in favor of Grass Valley.

Sewing Machines Sold, Rented, Repaired. Arthur T. Miller, Grass Valley, Calif. Phone 168. Singer Agent. 17-20*

PRESENTED A PICTURE

Henry Hoskins was presented this week with an enlarged picture by Mr. Kjorlie. The picture shows Henry wiht his sweeper over his shoulder. This is a typical picture of Henry and he is very pleased with it.

ART EXHIBIT

The art exhibit held last week proved to be most interesting. A collection of 150 pictures were shown to which a small admission was asked. The receipts, which amounted to $12.85, will be used for the purchase of a picture from hte collection. Thursday the student body voted to by "The Royal Gorge," by Paris.

A Love-Tree Lived On

Plymouth (Mass.) has a big linden tree which has an interesting history, recalls an article in the Brockton (Mass.) Enterprise, quoting the late William R. Davis, who spent his boyhood in Plymouth:

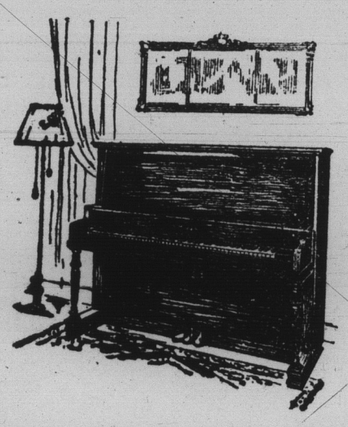
"The tree was planted by a youthful couple as a memorial to their engagement, but not long afterwards, in 1809, the engagement was broken and the memorial was no longer prized by the girl, in whose garden it had been planted. She pulled it up one day and threw it into the street. My father picked it up and planted it where it now stands. He lived in the house known as the Plymouth Rock house, where he died in 1822. Under his careful nursing the tree survived and has grown into a beautiful tree."

Royalty and Whiskers

Kings in the early and romantic days of France, to ratify a momentous document, stuck in the seal three hairs from the royal beard. There is in existence a charter dated 1121, in which declaration is made that it is so sealed. In Spain the beard prevailed until the time of Philip V, who being himself beardless set the style for smooth faces; and the people attested their grief in the saying, "Since we have lost our beards we have lost our souls." The pictures of King Henry VIII of England show us a royal visage; but without his marvelous whiskers he would be but a fat man.

Sea Lion Slaughter

The sea lion could hold his own against his natural enemies, but his real troubles began when man discovered that he was insulated with several inches of oil-bearing blubber and that his hide made good leather. Nearly 200 years ago the slaughter began on the West coast. says Nature Magazine. Countless thousands of sea lions died for the enrichment of the oil hunters, until by the beginning of this century only a remnant of the vast herds which once roared and fought on their off-shore rookeries is left to carry on the species.



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LEGAL NOTICE

State of California
Department of Public Works
Division of Water Resources
Sacramento

NOTICE OF APPLICATION TO APPROPRIATE WATER

Application 6597

NOTICE IS HEREBY GIVEN, That South Yuba Co. Ltd., % W. E. Plank, Washington, Nevada Co., California, has under the date of March 13, 1930, applied to the Division of Water Resources, Department of Public Works, State of California, for a permit to appropriate **unappropriated** water, subject to existing rights .

Description of Project

Water to be appropriated from Scotchman Creek, tributary to S. Fork uba River.

County of Nevada.

Amount applied for: 40 cubic feet per second.

Diversion season named: Jan. 1st to Dec. 31st of each season.

Water to be used for Mining.

Point of division within SE ¼ of NE¼ of Sec. 18, T 17 N., R 11 E., M.D.M.

Place of use described: Secs. 6 & 7, T 17 N., R 11 E. and Sec. 12, T 17 N., R 10 E., M. D. M. as shown on map on file in office of Division of Water Resources.

And will be returned to South Fork of Yuba River in Secs. 6 and 7 T 17 N., R 11 E., M.D.M.

Relative to Protests

Blanks upon which to submit protests will be supplied free upon request by the Division of Water Resources.

Any person desiring to protest against the granting of such permit shall within 60 days from date hereof, file with the Division of Water Resources, Sacramento, California, a written protest. Such protest shall clearly set forth the protestant's objections to the granting of the application and shall contain the following information:

(1) Statement of the injury which would result from such appropriation and use.

(2) The basis of protesatnt's water right.

(3) Protestant's past and present use of water both as to amount used and land irrigated, or use made of water if other than irrigation.

(4) The approximate location of such land or place of use of the point of diversion of hte water.

A copy of the protest should be sent to the applicant and this office notified that the same has been done.

EDWARD HYATT,
Satte Engineer.

Dated: Sacramento, California, May 5, 1930.

Date of first publication, May 13, 1930.

Dates of publication—May 13, 20, 27, June 2, 1930.

Subscribe for The Nugget

Subscribe for The Nugget.

Mr. and Mrs. T. W. Sigourney and little son, Teddy, Miss Babe Sigourney and Miss Frieda Kopp went to Auburn Tuesday to attend the circus.

J. F. O'CONNOR
Civil and Mining Engineer
United.. States.. Mineral.. Survey.. Licensed Land Surveyor. Upstairs over City Hall. Main Street, Grass Valley.

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H. DICKERMAN

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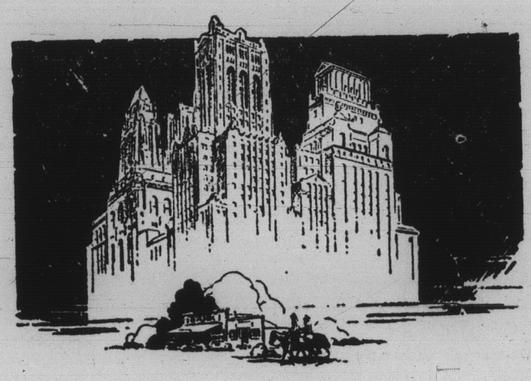

Progress in Banking

California's first iron safe arrived at Santa Barbara in 1846. The first banks were private enterprises for the exchange, transfer or safe-keeping of gold dust . . . Under the primitive conditions of eighty years ago, such banks answered every purpose . . . But Californians soon realized that gold was not their most important asset. . . . As agriculture, commerce, and industry found a place in the new State, a stabilized and efficient banking system was born—a system that has won national recognition and reputation.

The Bank of America—with roots deep in the pioneer past—is a logical result of progress in California. Throughout the State—in 160 business centers—it affords the utmost in modern banking facilities. Each of its half million depositors, from the Oregon line to the Mexican border, enjoys the full protection of its strength—the helpfulness of its unsurpassed ability to serve.

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OF CALIFORNIA
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NEVADA CITY BRANCH
H. A. Curnow.....Manager
John J. Fortier.....Asst. Manager

ADVISORY BOARD
G. L. Jones, Chairman; G. J. Rector, E. M. Rector, C. P Jones, A. L. Gill, A. H. Mooser, H. A. Curnow.

SAVINGS COMMERCIAL TRUST

POLITICAL CARDS

For County Coroner—
A. M. HOLMES
Primary Election, Aug. 26th.

For Assemblyman,
Third District
J. L. "Jerry" SEAWELL
"He Has Made Good"
Primary Election, Aug. 26th.

For Justice of the Peace,
Meadow Lake Township
CHARLES A. OCKER
(Incumbent)
Primary Election, Aug. 26th.

For Clerk and Auditor,
Nevada County
R. N. McCORMACK
Present Deputy Clerk
Primary Election, Aug. 26

For Justice of the Peace,
Nevada Township
W. L. MOBLEY
(Incumbent)
Primary Election, Aug. 26

For Constable,
Nevada Township
THOMAS OLIVER
(Incumbent)
Primary Election, Aug. 26

For Superintendent of Schools
Nevada County
ELLA M. AUSTIN
(Incumbent)
Primary Election, Aug. 26.

For Supervisor
Second District
JOHN S. COREY
"The Man for the Job"
Primary Election, Aug 26

For Coroner—
Nevada County
L. R. "Bob" JEFFORD
Primary Election, Aug. 26

For Supervisor
Fourth District
JOSEPH FRANK
(Incumbent)
Primary Election Aug. 26

For District Attorney
Nevada County
W. E. WRIGHT
(Incumbent)
Primary Election, Aug. 26

For Sheriff
Nevada County
ARTHUR F. HELLINGS
Primary Election, Aug. 26

For Sheriff
Nevada County
GEORGE R. CARTER
(Incumbent)
Primary Election, Aug. 26

For Supervisor
Second District
FRANK J. ROWE
Primary Election, Aug. 26

For Assessor
Nevada County
H. C. SCHROEDER
(Incumbent)
Primary Election, Aug. 26

For Recorder
Nevada County
SAM J. CLARK
(Incumbent)
Primary Election, Aug. 26

For Supervisor
Second District
HENRY GOUDGE
(Incumbent)
Primary Election, Aug. 26

For Public Administrator
Nevada County
LILA M. CHAMPION
(Incumbent)
Primary Election, Aug. 26

POLITICAL CARDS

For Treasurer
and Tax Collector
Nevada County
FRANK STEEL
(Incumbent)
Primary Election, Aug. 26

For Surveyor
Nevada County
J. F. O'CONNOR
(Incumbent)
Primary Election, Aug. 26

For Supervisor
Third District
E. B. DUDLEY
(Incumbent)
Primary Election, Aug. 26

For Supervisor
Fourth District
GUY V. ROBINSON
Primary Election, Aug. 26

For Supervisor
Third District
E. J. HAVERSTOCK
Primary Election, Aug. 26

For Supervisor
Second District
WALTER E. PARSONS
Primary Election, Aug. 26

For Justice of the Peace
Grass Valley Township
JOHN GRAY
"Fitted by Experience"
Primary Election, Aug. 26

For District Attorney
Nevada County
VERNON STOLL
Primary Election, Aug. 26

Inkhorn Precursor of Modern Fountain Pen

The inkhorn was one of the earliest ink containers in this country. Carried at the belt, this horn of plenty, taken from the head of some neat animal, could be resorted to by the attorney whenever and wherever business met him upon the highways. Another old ink case which was worn at the belt and included the short quill, was made of pressed paper, darkened with gum and oil to the semblance of leather and tooled with designs of tooth-mark and parallel lines. Its height was seven inches and it was made in three parts--the bottom containing the tiny glass bottle measuring about two inches high and one across and carrying a protecting cork, the second part slipping down firmly to cover the bottle, while the third part or top, covered the quill. After many years of use and later oblivion this old ink and quill case comes to light as hard as metal and, only where it rubbed against the wearer's belt, does it betray the fact that it is of ancient, rude paper and not of well-tanned hide.—Marion Nicholl Rawson, in the Boston Transcript.

French Nation Fosters Time-Keeping Industry

The making of time-keeping instruments is one of the oldest and most highly developed of French industries. When the teaching of apprentices in the shops of watchmakers became inadequate for the development of the trade, professional schools were established, fostered by the state and supported by the industry. In addition, a municipal school of watchmaking was founded at Paris, a nationalized school at Lyons and a private school at Dreux. Each year 100 to 125 watchmakers graduate from these institutions.

The industry has not yet been affected to any extent by consolidation. Many of the factories are little more than workshops, where from 10 to 30 skilled workmen with hand tools and a few simple machines turn out carefully wrought products. It is thought that the small size of French establishments has the advantage of stimulating the worker's creative ability. —New York Times.

Hard and Soft Solders

Soldering operations are classified, according to the composition of the alloy used, as either soft soldering or hard soldering. Solders of low melting points, composed mainly of lead and tin in varying amounts, are known as soft solders, while those of high melting points, composed of varying amounts of copper, brass, zinc, silver and gold, are known as hard solders. The soft solder commonly used is made up of half lead and half tin, and melts at a temperature of 370 degrees Fahrenheit. The more lead there is in this alloy the higher is its melting point, and an alloy composed of one part tin and two parts lead melts at 441 degrees Fahrenheit.

NUGGET PAGE OF SPORTING EVENTS

BOWLING WINDS UP WITH FLYNNS LEADING

The final week of the Elks bowling tournament saw one of the great upsets of the dope can when the Werners, who have been leading the league all season, go down to defeat for a four count while the Flynns by taking four from the Henwoods, jumped into first place by one point. The Willoughbys, who started the Werner downfall the previous week, annexed three from the Tyrrells and are tied in second place with the Werners with 21 points while the Garlands show 20 points in next position.

Nevada City cleaned up on Grass Valley in the recent bowling tournament, one local team leading all six of the Grass Valley entries. The other Nevada City entry however trailel the procession, having been unable to get off to a good start.

The Willoughby team came in second place with 21 points, but one point behind the victorious Flynn team. Its captain showed second in individual totals. The Flynn, Werner of Newcastle, Willoughby, Rowe and Henwood teams will be the guests of the Garland, Carveth, Tyrrell, Jones and Curnow teams at a fried chicken dinner at Grass Valley on Wednesday night.

The high ten individual scorers were: Werner 4679; Willoughby 4464; Carveth 4461; Rowe 4431; Saladana 4422; C. P. Jones 4417; Henwood 4394; Prisk 4343; Snyder 4308; Si Perkins 4285.

Owing to the lack for score sheets this week we are unable to print the final game scores which the fans have been accustomed to looking for in these columns but such are happened as have come to hand.

WERNER TEAM

Werner	192	175	189	556
Saladana	161	199	176	536
Towers	122	145	155	422
Reeves	120	137	121	378
Mangiarcina	95	138	116	349
Totals	960	794	757	2241

HENWOOD TEAM

Henwood	163	130	177	470
Westbrok	159	147	190	496
Snyder	202	212	155	569
Wilson	118	118	118	354
O'Connor	114	118	121	416
Totals	763	795	768	2326

Press Agents Unknown to Medieval Writers

"A striking feature of medieval literature is its general anonymity," writes W. H. Schofield in "English Literature from the Norman Conquest to Chaucer." Of the many who wrote, the names of but few are recorded, and of the history of these few we have only the most meager details. Nor is this a simple accident. Formerly, the importance attached to an author's personality was far less than now. In case either of a narrative or a didactic work, it was the substance above all that attracted attention. Originality of matter was deplored as a fault.

"Independence of treatment meant to our forefathers contempt of authority, a heinous offense in their eyes. It was as unsafe for a storyteller to depart from the well-marked lines of inherited tradition as for him to disregard orthodox beliefs. And even the greatest dared not present new views without at least claiming august support. A prudent author sought a powerful patron in order to insure success, or fathered his inventions on some ancient worthy who could not deny them. But the last thing he would have deemed wise would have been to copyright them as his own."

Summer When Old Sol Refused to Function

From various records, including the famous diary of Charles Pierce, ice and snow appear to have been mighty occurrences during the month of June, 1816. July, whose average temperature is said to have been less than 70 degrees, also experienced ice and frost. The mean temperature for the month of August dropped still lower than that of July, as much as an inch of ice forming on ponds during the colder nights, according to old chronicles. Six inches of snow had fallen on the eighth day of June, and in some parts of New England, it is said, the ground remained white with snow throughout the entire summer. Crops were generally frozen out and ruined, although one story relates that the more resourceful farmers managed to save a little corn by keeping fires burning in their fields at night.—Kansas City Star.

Queer Coast Birds

On the Lincolnshire (England) flocks of small birds with ash-gray plumage, white breasts and long bills are to be seen. They are the Arctic migrants known as knots, so called, it is believed, on account of the queer twisted posture they adopt when resting on the sands or mud flats. According to tradition, knots were the favorite birds of King Canute, and some people consider that it is from him that their name is derived. When roasted, a gourmet states, they are a delicacy fit for any table.

Tough on Fat Men

In New York the seating accommodations are limited to 20 inches on the "L" and 18 inches in the subway. This calls to mind the late Phillips Brooks, who was said to be the politest man in Boston because when he gave up his seat in the street car two women could sit down, and Mr. Taft, who was disappointed once when he found that the two seats he had reserved for comfort at a baseball game were on different sides of the aisle.—Boston Globe.

WASHINGTON GAINS

Washington Township is feeling quite cheerily as the result of the last census which shows an increase of population over 1920 of 31. This is due to the increased mining interest in that section.

The big bowling dinner is scheduled for Wednesday night at Grass Valley when George Bennetts, as chairman of the committee will provide a fine fried chicken repast for the members of the various teams as well as for the members of the two lodges.

Cactus Well Guarded Against Its Enemies

Not the shining habiliments of the knights of old, but an outward protection from a too close approach of an enemy, is the covering of the cactus, which pointedly tells the oncomer to beware.

A giant variety is seen at its best in Arizona, not far from Phoenix. It is an unparalleled spectacle. These sahuaro rear their spiked branches as high as 40 feet above the desert. Some are said to be 200 or 300 years old. They retain the perennial greenness of youth and each spring become bridelike in a burst of white blossoms. The yellow centers of the flowers mingle pleasingly with the green.

Other varieties of cacti bear other colors of blossoms. Scarlet and pink, purple and yellow emphasize the beauty of the pure white flowers of the giant trees which tower above and appear to invite and greet their colored friends below.—Exchange.

We're After Luxuries

Frequently one hears that the fight for existence grows harder each year, meaning that it is harder for men to make a living, to get the necessities of life. We do not subscribe to that idea, for never was it easier for a man to get the necessities. The fight of 90 per cent of the people is for luxuries. Almost any man can go out and make a living, get enough food and clothing and shelter so that he will not suffer. But it is the luxuries of life that we all demand and not a mere living. We want motor cars, better clothes, a better education, amusement and a certain amount of leisure time, all of which is laudable and an ambition worthy of our time.—Newcastle Times.

Tree Is Sugar Factory

Plants require the same kinds of food as animals, with the important difference that the plant manufactures its own food and animals obtain theirs by browsing on plants or devouring other animals. The tree is a factory where starches and sugars are manufactured out of substances the tree finds in the earth beneath it, in the air above, and in the sunlight, says Forest and Mankind. There are just three principal groups of food for both plants and animals—carbohydrates, fats and proteins. These are all formed in the living plant, primarily from the simple sugars.

"Climax" Forests

When undisturbed by man or fire, nature works constantly toward the perpetuation of certain forest types, says Forest and Mankind. These are called climax types, for they represent the type of forest best fitted to survive in that particular place. Although this climax type changes with the region, with altitude, and often with the soil, it is the ultimate type that nature will grow in that particular environment. Even on opposite sides of the same hill we may find different types of climax forest.

More Knowledge Superfluous

It is very difficult to discourage a book canvasser. But one of the tribe met his match when he tackled a solemn looking negro elevator attendant.

The negro listened while the canvasser enlarged on the vast stores of knowledge to be acquired from the work he was offering on the instalment plan, then remarked, quietly: "'Twouldn't be no manner o' use to me, sar. I knows heaps more now dan I gets paid for."

Cautious

Helen Jean was having a good time playing with the neighbor who was calling. Just as the neighbor was leaving she picked up Helen Jean's coat and asked her whether she wouldn't like to go home with her for dinner.

"Just wait a minute," said Helen Jean, "what are you going to have for dinner?"

J. C. PENNEY CO. INC.
DEPARTMENT STORE
115-119 Mill Street Grass Valley
Mail Orders Given Prompt Attention

Spring Silks to Interpret New Modes

Silks take on a new importance in this feminine mode! And our fabric counters are heaped high with beautiful, fresh silks . . . just arrived . . . from the silk-fashion centers!

Gay, splashing prints that seem inspired by spring flowers . . . lovely soft evening shades . . . vivid colors . . . Paris-sponsored black! Materials to meet the demand of every hour of the day, and evening, too!

79c to $ / yard

ELLIS MILLS ARE THE MOST EFFICIENT GRINDERS

The BEST REGRINDING CLASSIFIERS by overflow.
The BEST AMALGAMATING PAN to any mesh size.
The ONY MILL that will work CLAY (pipe).
The ONLY MILL that will work MICA (sheet)
The ONLY MILL that will work ASBESTOS and not ruin the fibre, or EMERY and not ruin the mill. And many others.
The ELLIS MILL will grind anything that can be gound or pulverized, wet or dry, to a definite mesh in one operation, using only 1-4 to 1-10 the power that others use.
No Gears. No Grease. No Bearings No Frictien.

ELLIS MILLS MANUFACTURING COMPANY
510 Brannan St. Phone KEarny 4190 San Francisco

SACRAMENTO - AUBURN - NEVADA CITY STAGE

WEST BOUND

Arrive Grass Valley	10:45 A. M.,	3:00 P. M.,	5:45 P. M.
Leave Nevada City	8:10 A. M.,	11:40 A. M.,	3:30 P. M.
Leave Grass Valley	8:25 A. M.,	11:55 A. M.,	3:45 P. M.
Arrive Sacramento	11:00 A. M.,	2:40 P. M.,	6:30 P. M
Arrive San Francisco		5:55 P. M.,	11:15 P. M.

EAST BOUND

Leave San Francisco		7:40 A. M.,	11:20 A. M.
Leave Sacramento	8:00 A. M.,	12:15 P. M.,	3:00 P. M.
Arrive Nevada City	11:00 A. M.,	3:15 P. M.	6:00 P. M.

By *train*
ADD DAYS TO YOUR VACATION
—and save money, too

Low fares on Pacific Coast now in effect. Fast trains save daylight hours for play. By train you leave the job of getting there to someone else—you save your nerves, and rest.

By Southern Pacific your vacation starts when you board the train. In many cases you can leave at night, sleep as you ride, and arrive in the morning—actually adding a precious day to your vacation.

Or—travel by day—enjoy the scenery as you ride. Many a spectacular scenic mile of this Pacific Coast can be seen only by train.

At low summer fares, enjoy the added thrill of saving money. *You know just how much your trip will cost before you leave.*

LOW FARES EAST MAY 22 TO SEPTEMBER 30

Return limit October 31. These fares are the same on all railroads but *only* Southern Pacific offers choice of Four Great Routes to the East.

Southern Pacific

Some examples of the low roundtrips from Colfax:

ATLANTA	$113.60	MINNEAPOLIS	91.90
BOSTON	157.76	MONTREAL	148.72
CHICAGO	90.30	NEW ORLEANS	89.40
CLEVELAND	112.86	NEW YORK	151.70
DENVER	67.20	PHILADELPHIA	149.22
DETROIT	109.92	ST. LOUIS	85.60
KANSAS CITY	75.60	WASHINGTON	145.86

THE NUGGET PAGE OF MINING NEWS

PLACER COUNTY

C. E. Van Geisen, A. Martin and Arthur Andrews have leased from Al Swinburn a portion of the Auburn Blue Gravels Mine.

The tunnel at the Sur Dough mine at Iowa Hill is in promising looking formation. Joe Eno is in charge of the work.

SHASTA COUNTY

The Mt. Shasta Silica Company has won its court action agains tClifford Russell et al, charged with jumping claims, and has quieted title to 26 claims in the north eastern part of the county. Each claim contains 160 acres and is said to contain valuable deposits of diatomaceous earth.

Wages of the employes of the Mountain Copper Company were cut 25c per day by the company on May 1st, affecting 350 employes. This was reported due to the drop in the price of copper from 18c to 14c per pound

SISKIYOU COUNTY

F. L. Cunningham, operating the Lindy placer claim in the Happy Camp district reports finding traces of radium in the black sand on his property. He states that there are places along the Klamath where the black sand is prolific in this element which is claimed to be the equal of that of Belgium. He expects to operate a custom plant for treating black sands from other properties.

MARIPOSA COUNTY

The suit instituted by the Mariposa Commercial & Mining Company, owners of the Mariposa Grant, against D. L. Peters and the Fremont Grant, Inc., has been decided in favor of the plaintiff, the company's complaint that the defendants had forfeited their agreement to purchase the properties having been upheld.

C. E. Johnson of Los Angeles has purchased the Gravel Range or Blue Lead claims near Bowers Cave from Ben B. Buck and associates. The property has been worked and developed in a limited way for a number of years.

A grass root strike of specimen ore is reported from the Indian Camp section by H. B. Brinham of Incline who picked up the cropping of a one to two foot vein which has been exposed for a distance of 300 feet on the surface. The strike is in the vicinity of the old Hite mine.

The shaft at the Brown Bear mine at Bagby is to be sunk to the 150 foot level by contract. The shaft is now past the 100 foot level and is said to be in the sulphide zone. Values are said to run almost entirely in the sulphides. Frank Myers is superintendent.

The Mistletoe and Niggertoe claims near Incline have been sold to John C. McGarry of Los Angeles by Milo J. Caton of Merced and J. W. Warford and Louis Hanson of Mariposa. McGarry expects to do considerable development work to uncover an oreshoot thought to exist on the property.

A rich body of silver ore discovered on the 75 foot level at the Bluebird mine at Cathay has been opened up laterally for a distance of nearly a hundred feet and the values are reported holding up well. It is expected to sink the shaft to the 200 foot level. James Rice is superintendent.

THE MINER'S FRIEND

Vote for Frank Merriam for Lieutenant Governor

The Herald is for Frank F. Merdiam for Lieutenant Governor. And every voter in Placer, Nevada and the other mining counties should likewise be for him. Not because he is chairman of the State Republican Central Committee; not because he hails from Long Beach; and not particularly because he voted the Seawell hydraulic mining bill out of the Senate Finance Committee at the last session of the Legislature; but because of his fairness. Jerry Seawell needed just one vote to get his bill on to the floor of the Senate, so that it could be argued and debated on its merits. It showed that Frank Merriam was a fair man, an honest, conscientious legislator. Elbert Adams did the same thing in the Assembly, and the miners, and those in sympathy with the mining cause, shuld never forget these two men. More than that, Frank Merriam deserves the vote and support and good will of all those who believe in FAIRNESS, whether they are in favor of hydraulic mining or not.

Let's remember Frank Merriam and give him our vote at the August Primary.

Seawell for Merriam

Assemblyman Jerry Seawell is strong for Frank Merriam. When asked the question the other day, Seawell said: "Yes, I am for Frank Merriam for Lieutenant Governor, and I am going to do all I can. I believe in voting for your friends."—Placer Herald.

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Supervisor and Mrs. E. B. Dudley of North Bloomfield were among those from out of town wh attended the funeral f Mrs. John Curnw.

AT SUMMER CAMP

Elizear Foley, University of California student, is now at a summer camp in Marin county taking practical field work in surveying. He is a student in the College of Engineering at the University and will enter his junior year.

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Mr. and Mrs. Phil Curnow came down from North Columbia Thursday to attend the funeral of Mrs. John Curnow.

Mr. and Mrs. M. M. Sirley and Mr. and Mrs. Carrll Shirley, who were visiting at North Columbia, came down Thursday enroute to Sacramento They were accompanied by Miss Florence Hatcher of that place.

Sets the standard for every home use

Anheuser-Busch
Budweiser
Barley-Malt Syrup
LIGHT OR DARK
RICH IN BODY
NOT BITTER

TOGETHER WE TWO

She is charming, he is distinguished, although the gown is not new, and his tuxedo a veteran.

The secret?—Dry Cleaning!

Those who employ the wizardry of the dry cleaner's art are always well dressed for all occasions.

SERVICE CLEANERS

Foster and Jeffery

"Where Quality and Sevice Meet"

Nevada City Agency at Prestons Newsstand

215 W. Main St. Phone 264 Grass Valley

We Call For and Deliver

BUILDING AND LOAN ASSOCIATIONS BUILD CHARACTER AND CITIZENSHIP

The customers of a building and loan association represent the best that America has to offer. They stand for integrity—integrity of character as well as financial integrity. They stand for courage—that quality in a man that makes him stand upright, unafraid—that gives him vision and imagination. They stand for home ownership and the development and maintenance of homes; that institution upon which the structure of our government has been erected in the past and upon the stability of which it must fall or live in the future.

There are several forms of associations in America, but the most popular in California is the GUARANTEE CAPITAL ASSOCIATION, under which firm the Nevada County Building and Loan Assciation is operating. Regulations, probably the most stringent of any state in the Union, are imposed by the State of California. Associations in California are under rigid state supervision similar to the control and scrutiny under which the state banks operate.

As an expression of the soundness of this type of association, it can be said that there has never been a failure of a Guarantee Capital Association in California.

The building loan idea is right because it means a budgetary system of finance. It means that the builder of a home or the saver, must so calculate his income and expenses that he may make a regular monthly set up of saving and by the time his home or his certificate is paid for, his family has acquired a lesson in thrift that becomes a habit—a way of life.

This is how money grows at 6% compounded:

At end of	$1.00 monthly	$5.00 monthly	$10.00 monthly	$25.00 monthly	$50.00 monthly
1 year	$ 12.39	$ 61.95	$ 124.90	$ 309.75	$ 619.50
2 years	25.54	127.70	255.40	638.50	1,277.50
3 years	39.49	197.45	394.90	987.25	1,974.50
4 years	54.29	271.45	542.90	1,357.25	2,714.50
5 years	66.99	349.95	699.90	1,749.75	3,499.50
10 years	164.04	820.20	1,640.40	4,101.00	8,202.00
15 years	290.45	1,452.25	2,904.50	7,261.25	14,522.50
20 years	459.20	2,296.00	4,592.00	11,480.00	22,960.00

Mr. and Mrs. George Sherman and children have returned to their home in Fresno after a pleasant visit with Mr. Sherman's grandmother, Mrs. E. M. Gregory.

Shelbey Carmack of San Francisco, native of Sebastapol, was one of those at Camptonville to view the eclipse from the strip of totality. He stopped for awhile at North San Juan to visit with friends.

SAN FRANCISCO
$1.50 TURPIN HOTEL
to $3.00
A SPLENDID VALUE
17 Powell Street at Market
THIS CENTRAL DOWNTOWN LOCATION
an important convenience to you
This coupon entitles holder to FREE Yellow Taxi—depot to Turpin Hotel.
FREE GARAGE
T. E. FARROW W. M. SELL, Jr.

N. C. N. G. R. R COMPANY
TIME TABLE AND RATES

Effective Sunday, Sept. 8, 1929

Trains leave Nevada City at 5:00 a. m., Grass Valley 5:20 a. m., arriving at San Francisco 1:30 p. m.

Trains leave Nevada City at 9:45 a. m., Grass Valley 10:10 a. m, making direct connection with S. P. train No. 19, arriving at San Francisco 5:30 p. m.

Train leaves Nevada City at 4:20 p. m., Grass Valley at 4:45 p. m., making connection with S. P. train No. 20, leaving San Francisco at 11 a. m., and 1 p. m., enabling passengers to arrive at Grass Valley 7:35 p. m. and Nevada City 7:56 p. m.

SUMMER RATES
Effective May 1, 1930

All tickets on sale daily.

Stop-overs allowed on 16 day and 3 months tickets.

Grass Valley to San Francisco—16 days $8.50; 3 months $10.25; Nevada City $9.00 and $10.50.

Grass Valley to Alameda, Berkeley or Oakland—16 days $8.25; 3 months $10.000; Nevada City $8.75 and $10.25.

Grass Valley to Los Angeles via Stockton, both ways—16 days, $26.25; 3 months, $31.75; Nevada City $26.50 and $31.50.

Grass Valley to Los Angeles via Stockton one way, returning via San Francisco or vice-versa—16 days $28.75; 3 months $34.75; Nevada City $29.00 and $34.25.

Grass Valley to Sacramento—14 day ticket only $4.00; Nevada City $4.50.

Grass Valley to Reno—16 days both ways $6.50; 3 months $7.50; Nevada City ....$6.50 and $7.50.

HHT HT shr mh mh mh mh mhhm

See Me—
See Better
GEO. H. SHIRKE
Opt. D.
Optometrist
118 Mill St
Grass Valley

Bladder Irritation

If functional Bladder Irritation disturbs your sleep, causes Burning or Itching Sensation, Backache or Leg Pains, making you feel tired, depressed, and discouraged, why not try the Cystex 48 Hour Test? Don't give up. Get Cystex today at any drug store. Put it to the test. See for yourself what it does. Money back if it doesn't bring quick improvement, and satisfy you completely. Try Cystex today. Only 60c.

FINE WATCH REPAIRING
Radio Servicing and Repair
CLARENCE R. GRAY
520 Coyote St. Phone 15
Work Called for and Delivered

Ellas Marx Music Company through the cooperation of the Harmony Shop of Grass Valley offers exceptionally low terms and large discounts on all pianos now in the floors of the Harmony Shop.

This includes both new and used instruments, and may be traded later toward a grand or reproducing instuments.

ELLAS MARX MUSIC CO.,
Sacramento, Calif.

FRED M. MILLER
Consulting Engineer
Mines and Mining
Hydraulics
Irrigation
Graduate, University of California, 1894
County Surveyor of Nevada County, 1895-9; 1907-19
Civil and Mining Engineer & Supt. Mines 1899-1915
Chief Engr. Cal. Corp. Dept. 1915-1923
Cons. Engr. Smith Emery Co. S. F., 1923-1925
Asst. Mgr. and Mgr. Nevada Irrigation Dist., 1925-9
Examinations, Maps and Reports on Mining or Agricultural Properties and Foothill Land Development
Official Maps of Nevada County For Sale
Office at Residence
262 South Auburn St.
Grass Valley
Phone 535J

CLASSIFIED ADS

Attention! Richfield Service. A. E. Hooper & Son, Grass Valley.

CLASSIFIED RATES

One cent a word for first insertion. two cents a word for one month. Minimum rate, 25c, one time, 50c for month.

POTATOES

We have a good quality of potatoes for home use. Also seed potatoes. Our prices are right. Walter E. Parsons, Grass Valley. Phone 18F2. 22-25

FOR SALE—Well furnished 6 room house in Nevada City. Newly renovated and all conveniences. Unusually nice grounds. Cheap for cash. Enquire at NUGGET Office. 21tfch

Male Help Wanted

Reliable man 21 to 55 years old with car wanted to call on farmers in Nevada county. Make $8 to $15 daily. No experience or capital needed. Write today. FURST & THOMAS, Dept. F, 426 Third St. Oakland, Calif. 16-19*

kind will be [illegible]
Mrs. Ira Anthony [illegible]
back of W. P. Jones [illegible]

SMALL FIRE TUESDAY NIGHT

An alarm of fire Tuesday night at about 9:30 o'clock was occasioned by the burning of an outbuilding at the former Maher home below the Sierra Queen mine on Deer Creek. Although the firemen responded quickly the tinder like quality of the structure caused it to burn rapidly. It is believed tramps usink it for a sleeping place caused the fire.

—0—

Mr. and Mrs. Fred Godfrey and James Godfrey, who were former residents of North Columbia, came up from Pasadena last Thursday.

Ellas Marx Music Company through the cooperation of the Harmony Shop of Grass Valley offers exceptionally low terms and large discounts on all pianos now in the floors of the Harmony Shop.

This includes both new and used instruments, and may be traded later toward a grand or reproducing instuments.

ELLAS MARX MUSIC CO.,
Sacramento, Calif.

Ore and Bullion
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NATIONAL COFFEE SHOP

You are cordially invited to see how nice and attractive The Coffee Shop has been made for the convenience of our patrons. Regular meals and a la carte service that will delight the most fastidious

Open Daily

Mr. and Mrs. F. C. Worth

STAGE TIMETABLE

Graniteville Stage leaves Nevada City at 7 a. m., for Lake City, North Bloomfield, Moores Flat, and Graniteville. Leaves Graniteville at 7 a. m., for Nevada City.

Alleghany Stage leaves Nevada City daily, except Sunday at 1:00 p. m., for Tyler, Columbia Hill, Alleghany and Forest. Leaves Forest at 6:30 a. m., for Nevada City.

Marysville Auto Stage leaves at 8.00 a. m., for Rough and Ready, Smartsville, Hammonton and Marysville. Leaves Marysville at 1:00 p. m. Connects at Smartsville for North San Juan.

Downieville Auto Stage leaves Nevada City daily at 1 p. m., ar-Leaves Downieville daily at 6 a. m., arriving in Nevada City in time to connect with 10:30 train for San Francisco.

Washington Stage leaves Nevada City at 6:30 a. m., for Washington Leaves Washington at 6:30 a. m. for Nevada City.

Fresh, Wholesome, Appetizing

Our large and growin gvolume of business enables us to offer you a large variey of choice meats at a small margin of profit.

SOME OF OUR SPECIALS

Small rib steaks, tender and juicy.
Fine Tenderloin and Sirloin cuts.
Roasts of all kinds.
Weinies and superfine Kraut.

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FOR YOUR ROOF

See our new car of 5—2 Perfect Cedar Shingles, the best ever. Use the new Processed Lime for all purposes. Cement, Brick, Sewer Pipe, Terra Cotta Flues and Lining, Fruit Picking Ladders, Celo Glass for your sun porch, Composition in various colors. Bass Hueter Paint and Varnish.

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Phone 42 Grass Valley

THE LITTLE CHURCH FUNERAL HOME

Main and Church Sts., Nevada City

Service, Simplicity and Refinement

Families calling upon us for service have the satisfaction of knowing that, no matter how simple the appointment ,or how moderate the cost, every service that we conduct, no matter where, receives the same careful and reverent attention.

Wm. C. Perry	Ask us about	Mrs. W. C. Perry
Manager	our free	Matron
Funeral Director	Ambulance Service	Phone 122

WE WILL GIVE FIVE MILLION DOLLARS

In accident Insurance to our customers and every member of their family between the ages of 15 and 60 years. No medical examination. No red tape. You cannot afford to be wihout this protection. For every 50c purchase made here, we give you a ticket. When you have 40 of them you can get a $10,000 Accident Insurance Policy for only 1.00. Come in and get full particulars today.

PLAZA SUPER SERVICE STATION
Larsen & Hardt

LOCAL HAPPENINGS

Judge Bryan Lyons of Washington was a business visitor in this city.

James S. Kramer of Washington was a business visitor in this city.

Miss Eileen Hopkins of Honolulu is the house guest of Miss Retha Downey of Smartsville for awhile.

Mr. and Mrs. J. F. Delan have returned from San Francisco where they attended the funeral of a relative.

Mr. and Mrs. R. W. Gaylord and daughters Betty and Hermine of Sacramento were week-end guests at the home of Mrs. C. J. Brand and Miss Minnie Brand.

Mr. and Mrs. Otis V. Sweetland and little daughter Olive, former residents of this city spent the week-end with relatives here. They now reside at Yuba City.

G. J. Davis, who is taking a post graduate course at Chico State College spent the week-end with his mother, Mrs. F. W. Medlin.

Thomas Treverrow, who is employed as blacksmith at the Twin Sisters mine, came down to attend the funeral of the late Philip Curnow.

Mrs. Phoebe Hathway has returned from a visit to Reno, Nevada.

Mr. and Mrs. W. H. Goede entertained Dr. and Mrs. Charles Ayres of Alameda over th eweek-end.

Mrs. Antha Locklin has returned from a week's visit to San Francisco and Oakland on convention business.

Mr. and Mrs. Karl Kopp have returned from a motor trip to Calaveras county.

Miss Jane Philips, who holds a position in the state government at Sacramento, spent the week-end wiht her mother, Mrs. Richard Philips.

Mr. and Mrs. Jonathan Pascoe have returned from Oakland where they attended hte wedding of their daughter, Miss Olive May, and Raymond Irvin, an event of last Saturday.

Carl Tobiassen, manager of the county farm, who has been in poor health for some time, left for San Francisco recently to consult specialists.

Mr. and Mrs. L. L. Myers of Oakland spent the weekend in this city. Mrs. Myers continued on to Alleghany where her father, Thomas Bradberry is ill, and her husband returned to Oakland. They are former residents of this city.

Mr. and Mrs. Reuben Nichols, and Mr. and Mrs. John Makey, former residents of Norht Columbia, came up from Hammonton to attend the funeral of the late Philip Curnow.

Mrs. C. E. Parsons and Mrs. Belle Douglass went to Oakland to attend the meeting of the State Federation of Women's clubs. They represented Nevada City Women's Improvement Club.

Mr. and Mrs. W. H. Hustler, Thorn B. English, Miss Georgia English, Miss B. A. Mahoney, James P. Coughlan, Mrs. Mary E. Campbell, William Howlett, Henry Paine, James Godfrey were among the Ridge residents who came to Nevada City to attend the funeral of the latae Philip Curnow.

Mr. and Mrs. F. W. Callender of the Sierra Madre mine at Sierra City, were visitors in this city.

Hector Green of Sierra City was here on a short business trip.

Mrs. F. F. Breese has returned from a brief visit in San Francisco.

A. F. Hodgkinson, mining man of Los Angeles, arrived in this city on his way to Downieville.

Mr. and Mrs. Roy McNamara of Tyler were visitors in this city.

Tom Long, a resident of Camptonville, was a business visitor in this city.

W. J. Burns of Auburn was in this city on business.

Mrs. Fred Beedle and Miss Lily Snell, former residents of this city, have arrived from Reno on a visit to their old home.

Assemblyman Jerry Seawell of Roseville was a visitor here in the interest of his re-election to the state legislature.

Mr. and Mrs. T. W. Sigourney and little son, Teddy, Miss Babe Sigourney and Miss Frieda Kopp went over to Auburn Tuesday to attend the circus.

Miss Alberta Baker has arrived from Berkeley where she is a student at the University to spend her vacation in this city with her parents, Mr. and Mrs. E. J. Baker.

District Attorney J. M. McMahon and Mrs. McMahon of Downieville visited in Nevada City.

Mr. and Mrs. Aubrey Wisker and Miss Alma Marsh, who spent the week end in San Francisco, have returned home.

Mrs. C. P. Loughridge, former resident of thsi city, is reported seriously ill in a San Francisco hospital, following an operation.

Mr. and Mrs. Samuel Colt, who have been guests of the latter's sister, Mrs. T. S. Ford and daughter, Miss Savory Ford, for the past week, returned to their home in Inspiration, Arizona.

Charles Sharp, a former resident of this city, but now of Lovelock, Nevada, visited last week end with his parents, Mr. and Mrs. William Sharp. He was accompanied as far as Colfax by Mr. and Mrs. Sharp and Miss Verna Genasci on his return trip.

George J. Fortier drove up from Pacific Grove Saturday to spend Mohter's Day in this city with his mother, Mrs. George Fortier.

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Card of Thanks.

We desire to extend our heartfelt thanks to friends and neighbors in North Columbia and Nevada City, and all who were so kind to us in our recent sad bereavement in the loss of our beloved husband and father. We especially wish to htank those who sent the beautiful floral offerings, the Elks, the Masons and Rev. Buckner, and all who sought to lessen our grief and sorrow.

MRS. PHILIP CURNOW
and FAMILY.

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Subscribe for The Nugget.

GOLD FLAT ITEMS

Mr. and Mrs. Elton Durbin of Sacramento spent hte week-end at the home of Mrs. Percy Watters.

Mr. and Mrs. Harry Cook are visiting at th ehome of Mrs. Cook's parents, Mr. and Mrs. Gomer Hopkins.

Miss Clemo and Mrs. H. H. Matthieson of Glendale came up to visit their sister, Mrs. Clarence Watters. Miss Clemo will spend the summer on Gold Flat.

Mr. and Mrs. Frank Anderson spent ewehtek ed n at mreo spent the week-end at the home of Mrs. Anderson's parents, Mr. and Mrs. C. A. Shurtleff. Mrs. Shurtleff is home again after spending a few days in Marysville with her daughter and family.

Upholstering

JOHN W. DARKE

109J Phones 109M

NEVADA CITY ASSAY & REFINING OFFICE
E. J. N. Ott, Proprietor

Practical mining tests from 25 to 1000 pounds, giving the free gold percentage of sulphurets, value of sulphurets, value of sulphurets and values of tailings.

Assays made for gold, silver, lead and copper. Mail order check wo promptly attended to. Agent for New York-California Underwriters, Westchester and Capital of California Fire Insurances companies. Als automobile insurance.

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138 Commercial St. Phone 107 Auburn, Calif.
Examinations Reports Management
30 Years' Experience in Western Mining Fields
Code: Bedford-McNeil

HOTEL ITALIA
Raviola and Chicken Dinner on Sundays, $1.00 Weekday, 50c
Raviolas to take home, 25c per dozen
C. Colombo, proprietor
208 Sacramento St. Phone 323 Nevada City

GRASS VALLEY ASSAY OFFICE
Under New Management

Assays for Gold, Silver, Copper, Lead, Iron, Mercury, Tin or any metal. Samples received before 9 A. M. reported same day.

Ore Testing Laboratory

We are equipped for testing and submitting methods for commercia treatment of complex ores. Test ore for Amalgamation, Concentration Floatation, Cyanidation or any me allurgical process.

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GRASS VALLEY : CALI

FRESH FISH DAILY

We Are Supplyng
Our Customers with
Fresh Fish Every Day
Right From The Water
The Prices Are Reasonable
The Quality is Right

EDDIE LEONG

31,000 of our customers

... are thanking *electricity* for making cooking *a pleasure*

... and bringing cleanliness and beauty into the kitchen

The electric range is the "keynote" for a clean, beautiful kitchen.

And how the electric range improves cooking! — and gives you more time for out-of-the-kitchen activities. For electric cooking can be entirely automatic. After a meal is placed in the oven you never have to watch it—or baste the meat.

No wonder that 31,000 of our customers are thanking electricity for making cooking a pleasure — and for bringing cleanliness and beauty into their kitchens.

Today's electric range has faster cooking elements, a rust-proof oven, pressed steel parts, and a smooth porcelain enamel finish which wipes clean as easily as a China plate.

You'll be surprised to learn that today's electric range costs no more than any good range. You will be delighted with the automatic features which give you sunlit hours of freedom.

A few dollars down will place an electric range in your home, ready to use. Come into our office or a dealer's store and see the beautiful new electric ranges.

Judging from present sales—over 2200 of our customers will install *electric ranges* during April, May, and June

PACIFIC GAS AND ELECTRIC COMPANY
P · G · and E ·
Owned - Operated - Managed
by Californians

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FRATERNAL CARDS

NEVADA CITY LODGE, No. 518 B. P. O. ELKS

Meets second and fourth Friday evening in Elk's Home, Pine Street. Phone 108. Visiting Elks welcome.

HORACE A. CURNOW
Exalted Ruler.
A. M. Holmes, Secretary.

NEVADA LODGE, No. 18, F. & A. M.

Stated meetings second Wednesday of each month at Masonic Temple. 8 p. m. Sojourning brethren are cordially invited.

E. P. GLEASON, W. M.
J. F. STENGER, Secy.

MILO LODGE, No. 48, K. of P.

Meets the 1st and 3d Friday nights at Pythian Hall, Morgan and Powell Bldg. Visiting Knights always welcome.

CARL LARSEN, C. C.
J. C. E. FOSS, K. of R. & S.

PROFESSIONAL CARDS

ROSETTA BUZZA JOHNS
Vocal and Instrumental Instruction
Late of the Royal College of Music, London, England. Vocal Pupil of Henry Blower and Piano Pupil of Herbert Sharpe. Terms on application. Phone 229R. 218 French Ave Grass Valley.

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Dentist
Office Hours: 8:30 to 5:30
Evenings by Appointment
Morgan & Powell Bldg. Phone

DR. ROBERT F. WERNER
Physician and Surgeon
Office: 400 Broad St., Nevada City
Hours: 10-12 a.m., 2-5, 7-8 p.m
Nurse in attendance

J. M. McMAHON
Attorney at Law
Pine & Court Sts. Phone 41
Nevada City, California

F. T. Nilon J. T. Hennessy
Lynne Kelly
NILON, HENNESSY & KELLY
Attorneys at Law, Offices 127 Mill St., Grass Valley; Morgan & Powell Bldg., Nevada City.

W. E. WRIGHT
Attorney at Law
Office in Union Building
Phone 23 Nevada City

EDWARD C. UREN
Mining and Civil Engineer
Mining Reports Furnished
Mining District Maps
Phone 278R Nevada City

WARD A. JOHNSON, D. C.
Chiropractor
Grass Valley
Office hours—10 to 12 A. M. at 2 to 5:30 P. M., and Mondays, Wednesdays and Fridays 7 to 8 P. M., Grass Valley. Sunday by appointment.
150½ Mill St. Phone G. V. 196

Nevada City Cleaners
W. H. Osborne
Cleaning Pressing Repairing
Patronize Home industry

SOCIETY HAPPENINGS OF THE PAST WEEK OF VICINITY

MRS. GOVE CELIO IS BRIDGE PARTYHOSTESS

Mrs. Gove C. Celio proved a charming hostess to bridge club on Thursday evening. The house was beautifully decorated with poppies and snapdragons in a pleasing ensemble. Tray service of refreshments was afforded. Prizewinners were Mesdames R. Noble McCormack and Aubrey Wisker with Mesdames E. W. Schmidt and C. W. Leiter being awarded guest prizes.

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BENEFIT CARD PARTY IS SUCCESS

The benefit card party put on by the Woman's Civic Improvement Club last Tuesday night proved a great success in every way. In all there was 28 tables of players including progressive bridge, whist, Dutch whist and Mah Jongg. There were several tables of bridge in which the players did not progress. Nearly eighty dollars was taken as many contributed who were unable to attend. As every thing was donated this sum is practically clear and will go towards the work that ht eclub is doing for the library.

Judge Nilon told of the early struggles of the Board of Trustees of the library. He expressed the appreciation of the Board for hte assistance the club women had given the library board.

Refreshments were served after the games.

The following were the prize winners:

Progressive Bridge

Ladies—1st, Mrs. Willoughby, 2972.

2972; 2nd, Mrs. Schiffner, 2315.

Gentlemen—1st Mr. Schiffner, 2446; 2nd, Mr. Carter, 2166.

Non-Progressive Bridge

Mrs. Perry, 1817; Mr. Armstrong, 1127.

Whist

Mrs. Lily Snell, 32; Mr. Vanberg, 24.

Dutch Whist

Frances Davey, Mr. Wilson.

Mah Jong

Mrs. Locklin.

—0—

MISS OLIVE PASCOE WEDS RAYMOND IRVIN

Miss Olive May Pascoe, daughter of Mr. and Mrs. John Pascoe, was united in marriage to Mr. Raymond Irvin at the Oakland Free Methodist lhurrh recently in the presence of the members of the immediate families. The bride is a native of Nevada City and attended the schools here prior to going to the bay cities for a course in beauty parlor work. The young couplse will make their home in Oakland where the groom has a responsibise position.

—0—

WOMAN'S CLUB ENJOY DELIGHTFUL PROGRAM

The Woman's Civic Improvement Club had at their meeting last Monday evening a music appreciation program under the direction of Miss O'Neil htat was very much enjoyed by the members.

Talk—Early American Music, Mrs. Harris.

Piano solos—Miss Brand; Shepherd Song, Nevins; Good Night.

Talk—MacDowell, Miss O'Neil.

Piano solo—Miss O'Neil, A Deserted Farm, MacDowell; To a Water Lily, MacDowell.

Vocal solo—Mrs. Elliot, The Robin Sings in the Apple Tree, by MacDowell; I hear a Thrush at Eve, Cadman.

Vocal solo—Mrs. Gove Celio; Indian numbers: Land of the Sky Blue Waters, by Cadman; Pale Moon, by Logan.

Talk—Folk Songs, Mrs. Kjorlie.

Community singing—Old Black Joe, Old Folks at Home, Carry Me Back to Oll Virginny, Keep the Home Fires Burning.

—0—

LF `AL NOTICE

BIDS WANTED

Nevada City Board of Education.

Sealed bids will be receiver by the Clerk, Board of Education, for furnishing the following cordwood to be delivered not later than August 1st., 1930, at the respective school houses as follows:

Washington School, 25 cords pine wood; 20 cords oak wood.

Nevada City High School 18 cords pine wood, and 15 cords of oak wood.

All wood to be winter cut and of first quality and to be four feet in length. Oak cord wood to be second growth wood, free from rot . The board reserves the right to reject any or all bids and to waive any informality.

Bids will be received by the clerk of the Board up to Thursday, June 19th, 1930.

J. F. COLLEY, President.
H. A. Curnow, Clerk.
First Pub. May 19, 1930

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George J. Fortier drove up from Pacific Grove Saturday to spend Mohter's Day in this city with his mother, Mrs. George Fortier.

J. M. O'Brien, of San Francisco was in town Saturday on his way to Alleghany and Downieville to inspect some mining properties.

Mrs. Philip Curnow has returned to North Columbia, accompanied by her daughter, Mrs. John Herboth.

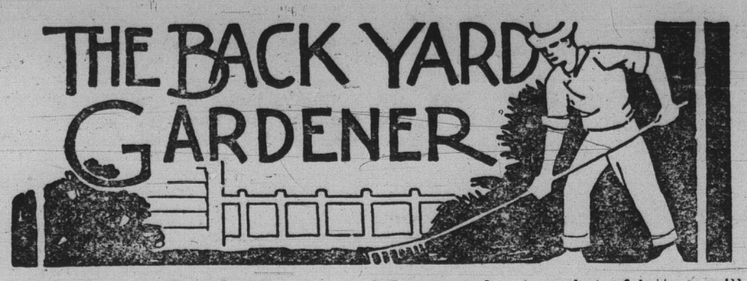
Mace Not "Mere Bauble" to British Statesmen

"Take away that bauble," was Cromwell's scornful remark, referring to the mace of the house of commons, and the speaker of the house in the federal capital of Australia must be some refreshing kind of modern Cromwell. Declaring that it is only a relic of barbarism, and represents nothing relating to the crown, he ordered the Canberra mace banished to some storeroom, a fate that has struck horror to some in England. Old Subscriber there is writing to the press to say it does represent some flavor of royalty and to inquire whether a weakening of the tie with king and mother country is indicated.

Borrowing from the bundle of whipping rods and an ax head carried before certain Roman officials, the London house has long had an ornate club called a mace as part of its regalia, and the royal arms carved on it are generally held to be merely patriotic embellishment. Though given into the custody of an executive officer between sessions, it is looked upon as the peculiar symbol of the authority of the house itself, which not infrequently has been in collision with royalty. Under the commonwealth a mace was used with carven flowers and cross and globe, but it was hastily discarded after the restoration and a mace, with the old design and the initials of Charles II, "C. R." was substituted, the identical one still in use.—St. Louis Globe-Democrat.

Nothing to Play With

Opportunity goes only so far. We should not assume that the prosperity built here by our fathers is perpetual. The economic history of modern civilization is strewn with the ruins of once mighty edifices of business power.—American Magazine.

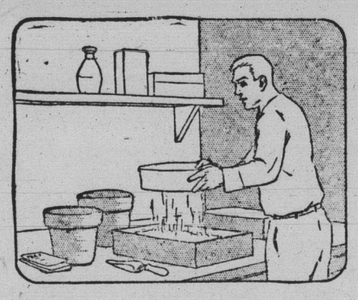


Sow Seed Early in the Window Boxes

Plans for early seed sowing follow close upon the sending away of the annual seed order. The greatest waste in gardening is in seed sowing and in the death of the tiny plants after the seed has germinated. Plan this year to save the lives of the tiny plants and to get full germinating value from the seed.

Make the soil for the seed boxes for early sowing fine and porous. Run it through a sieve to get it fine and add a little silver or torpedo sand to make it porous. Caked and cracking soil due to the fact that it is too close texture gives a lot of trouble in seed boxes. Be sure to have plenty of holes for drainage in the box. Cover them with pieces of broken flower pots or tableware. Above this put a layer or about half an inch at least of coarse material, small stones are excellent. Over this put fine soil to a depth of two inches and an ideal seed box is ready.

Moisten the soil and let it drain before sowing the seed. Sow in rows in

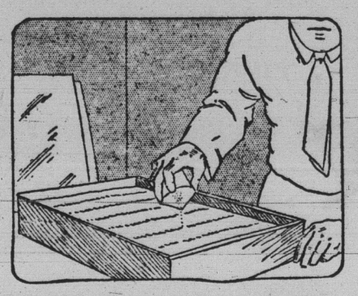


Prepare Fine Soil for Seed Boxes.

the box and sow thinly. Thick and broadcast sowing means the death of a large percentage of the seedlings. It encourages that scourge of seedling raising, damping, a fungus that kills many tiny plants. Sown in rows the task of transplanting is made easier. Half an inch apart is as close as the rows should be sown. An inch is even better.

The average packet of fine seed, if given a fair chance, will produce more than enough plants for the average garden. Coarser seeds will not have so many in a packet. Vegetable seeds are more liberal in this respect than flower seeds. A packet of lettuce will give enough for two plantings for a small garden, especially of the head varieties which need transplanting early.

Have glass ready to cover the seed boxes and do not keep the atmosphere under the glass too close. Put a match under one side of the glass to give a little ventilation. Wipe off the "sweat" that accumulates on the glass from evaporation from the soil. Give



Sow Thinly in Rows in the Box.

the seed boxes good light as soon as the seeds start to come up.

The convenience and necessity of a cold frame for an early start in the spring is well known to all gardeners.

The handsome poppy anemones and the Mariposa tulips of California may be grown successfully in a cold frame. The anemones will then come into bloom next April and provide beautiful material for cutting and continue blooming for a month. The St. Brigid strain, stocked by nearly all seed houses, is a fine type of anemone. The beautiful ranunculus may be grown in the same manner. This plant is a novelty to most gardeners although in cultivation for many years. It is an excellent plant to try as an experiment in the frame. It is a curious root somewhat resembling a miniature dahlia. Plant the claws down about an inch below the soil.

The anemones should be down about two inches. Both these plants like rich soil and the prohibition against manure which should be enforced strictly against the dutch bulbs does not apply to these plants. The anemone in particular luxuriates in rich fare.

Try Chinese forget-me-not or cynogolossum or the new annual anchusa for a fine display of rich, deep blue in the flower garden. Both are fine for cutting.

George R. Carter has returned from a business trip to Truckee. He made the trip by machinse and reports the Victory Highway in good shape except near Emigrant Gap.

Mr. and Mrs. Fred Develey of Alleghany have been attending the flower show at San Jose.

Denis Wood was here from Susanville to attend the O'Neill rites

George and Andy Carey have been down from Quaker Hill.

—0—

HILLS CREST AUTO WRECKERS

New and used parts for all Makes of Cars

We buy and sell Junk of All Kinds

410 E. Main Street

Phone 150 Grass Valley

PREMISES FOR SALE—

The residence property of the late Chas. H. Eddy and wife on Prospect St., Nevada City. 9 room: 1½ story house in good repair and well furnished. Large lot commanding excellent view. Fully equipped with water, sewer, electric and gas servire. House and carpets curtains and such furnishings as desired to be sold to close estate.

Inquire of Fred M. Miller, Grass Valley, or O. D. Woodman, Nevada City.

For that Party Luncheon?

Lamb Chops

Everybody Likes Them

Broiled Lamb Chops

Remove any superfluous fat from each chop and roll flank end about the tenderloin, fastening it into shape with a skewer. If kidney is cut with the chop, wrap flank end around it. Rub surface of chops with salt and pepper and place them on a broiler greased with some of the lamb fat. Sear chops on one side, and then turn and sear on the other side. Cook them from 6 to 8 minutes, place on a hot platter and add garnishes. Serve with parsley butter.

Parsley Butter

Cream ⅓ cup butter, add ⅓ teaspoon salt, a dash of pepper, ½ teaspoon finely chopped parsley, and ½ tablespoon lemon juice. Spread sauce on hot chops.

We Have Lamb *for* All Occasions

KEYSTONE MARKET

Calanan and Richards

COURT CALENDAR

Guardianship Myrtle Stanley—Final account settled.

Estate Emma W. Brown—Sale personal property confirmed. Final account allowed, distribution ordered.

Estate Mary Alice Green—Finali account settled, distribution ordered.

EEstate Peter Rondoni—Fial accounut settled, distribution ordered.

Estate Caroline Williams—Final account settled, distribution ordered

Estate Samuel Berriman—First account continued to June 6.

Estate Johanna Driscoll—Pettition confirmation sale personal property continued.

Estate Martha Leary—Will admitted to probate. Thomas N. Leary executor.

Estate Aurelia Bariletta—Lila M. Champion administratrix.

Guardianship Martine Francis Beebe—Final account settled, distribution ordered.

Guardianship Barbara A. Cornell—Motion to invset securities taken under advisement.

Estate Nellie Casey—Administratrix discharged.

Johnson vs Brandenburg—Argued Ordered submitted on briefs.

—0—

Mrs. John Quick and son Russel, who were summoned to this ity on account of the serious illness and subsequent death of Mrs. Quick's father, the late Philip Curnow, have returned to hteir home at Los Angeles.

W. MHackey was down from the Brush Creek mine on business Saturday.

NEW ROLLER ARRIVES

A nsew seven ton road roller forf the use of the county road system was unloaded at the Grass Valley corporation yard last week. An oil spray truck and equipment has also been received.

—0—

Our hydraulic lift and service equipment are the finest in the county. Richfield Service. Grass Valley. 27ch

You can have your sar while you wait. Richfield Service, Grass Valley. 27ch

—0—

J. A. Gilmore and W. S. Godfrey were down from Pike on a shopping expedition Saturday.

NATIONAL MARKET

Nevada City

ALWAYS THE BEST FOR LESS

We Deliver

Phone 302

SPECIAL THIS WEEK

Armours Milk, per case	$4.15
Sheredded Wheat	2 for 25c
Mothers Oats, with china	39c
Del oMnte Catsup	21c
Kellogg Corn Flakes	10c
Karo Syrup, dark, 5lb tin	45c

FOODS FOR HEALTH

CHAIN GROCETERIAS INC.

"The Best for Less"

Phone 176 Powell Block Nevada City

Out of town orders solicited and prompt service rendered. Send a trial order.

J. E. KNAPP MACHINERY CO.

593 Market St., San Francisco

New and used Mining Equipment of all kinds
Krogh Gravel Mill (complete)
Compressors and Air Receivers in all sizes
Electric and Gasoline Mine Hoists
Complete line of Pumping Equipment

DONT DO IT!

What's the use of going to all hat fuss and bother, when, with our modern faciliies, we can insure satisfactory work and prompt delivery. Send it to the Laundry.

Phone Grass Valley 108, or see our driver.

GRASS VALLEY STEAM LAUNDRY

111 Bennett St. Grass Valley

COMMUNITY PLATE

"CLUB PLAN" SALE

PAY AS LITTLE AS **$1.00 Down**

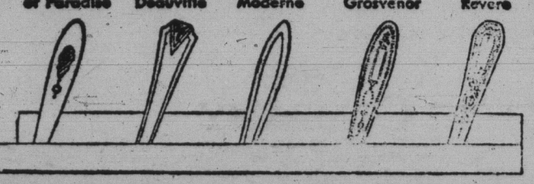
THE BALANCE IN SMALL SUMS EACH WEEK

GROSVENOR Design

At our regular cash prices you can obtain all the pieces of Community Plate silverware you have always wanted. Have the silverware to use NOW when you need it. Indulge that wish to beautify your table.

Complete sets are packed in attractive FREE containers—overnight bags, chests, trays, or mirror trays.

Bird of Paradise | Deauville | Patrician Moderne | Grosvenor | Paul Revere



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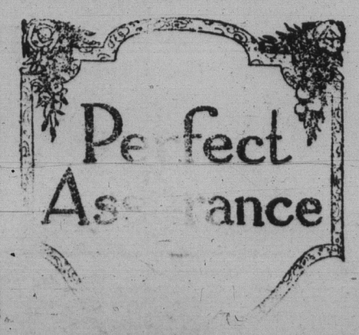
Jewelers

Mill Street



HERE IS OUR IDEAL

To render to you and your family every possible comfort, convenience and sympathetic attention in your hour of need. To give a funeral directing service second to none. To provide up to date equipment in all respects.

Free Ambulance Service to Any Point in Nevada County.

HOLMES FUNERAL HOME

PHONE 208 NEVADA CITY